

The  
Princess Mary  
MATERNITY  
HOSPITAL  
NEWCASTLE UPON TYNE.

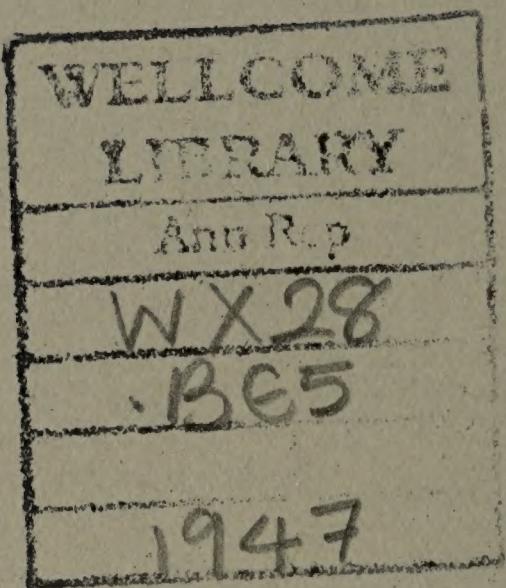


MEDICAL REPORT

for the year

1947





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THE PRINCESS MARY  
MATERNITY HOSPITAL,  
NEWCASTLE UPON TYNE.

MEDICAL REPORT  
FOR THE YEAR 1947.

Prepared by

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## *Foreword.*

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This report follows closely the scheme used for the 1946 report. Two new tables have been added, one for Rhesus negative patients and one, in detail, for contracted pelvis. The table for "Other Operations Performed" has been removed from the list of intercurrent diseases and has been expanded into a full table in its own right.

The Emergency Service of this Hospital covers an area lying between the Scottish Border and the River Tees. In view of the size of this area the addition of the mileage between the centre and the patient will give a better appreciation of the work done by the Service.

There has been a remarkable drop in the foetal mortality in breech delivery as compared with the preceding year. It has dropped from 41.1% to 11.8% in booked cases, and from 40.3% to 24.6% in emergency cases; a combined mortality rate of 18.1% instead of 40.6%. These figures are strictly comparable as the number of admissions was almost identical in both years. It is emphasized that these mortality rates are not corrected in any way at all and represent a gross foetal loss. It should be understood that throughout the report no attempt has been made to correct the mortality figures in any way.

A similar reduction in the foetal mortality in the occipito-posterior positions is recorded, from 20.2% in 1946 to 10% in 1947; and in forceps deliveries from 17.8% to 6%.

It should be noted that during this year the work of the hospital was carried on in the same unsuitable buildings which were used during the war years. Plans, however, were prepared for an entire reconstruction of the maternity hospital, but the work was not begun until early in 1948.

HUGH R. ARTHUR.

EDWARD L. NICOLSON.

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## ABBREVIATIONS

Ab.—Non-viable fœtus.	L.O.A.—Left occipito anterior position.
A.C.H.—After coming head.	L.O.P.—Left occipito posterior position
A.R.M.—Artificial rupture of membranes.	L.O.T.—Left occipito transverse position.
A. & W.—Alive and well.	L.S.—Lower uterine segment.
B.B.A.—Borne before arrival.	L.S.C.S.—Lower segment Cæsarean Section.
B.P.—Blood Pressure.	M—Male.
C.—Child.	M—Mother.
C.D.H.—Congenital heart disease.	Mc.—Macerated.
C.D.Hip.—Congenital hip disease.	Misc.—Miscarriage.
C.L.P.—Complete laceration of perineum.	N/A—Not applicable.
C.S.—Cæsarean Section (unspecified)	N.D.—Normal delivery.
C.V.—Conjugata vera.	Œdema—Feet and legs.
D.—Dead.	Œdema++—Feet, legs and hands.
D. & C.—Dilatation and curettage.	Œdema+++—Gross œdema.
D.S.—Drew-Smythe.	P.P.—Post partum.
E.U.A.—Examination under anæsthetic.	P.P.H.—Post partum hæmorrhage.
F—Female.	P.U.O.—Pyrexia of unknown origin.
F—Finger (Size of Os).	Q.C.B.—Queen Charlotte's Bag.
F.D.—Forceps delivery.	Rh.—Rhesus.
F.F.O.—Failed forceps outside.	R.O.A.—Right occipito anterior position.
F.H.N.H.—Fœtal heart not heard.	R.O.P.—Right occipito posterior position.
F.T.—Full time.	R.O.T.—Right occipito transverse position.
G.A.—General anæsthetic.	R.V.I.—Royal Victoria Infirmary.
G.C.P.—Generally contracted pelvis.	S/B—Stillborn.
Hb.—Hæmoglobin.	S.W.—Spencer Wells.
L—Living.	V.S.T.—Very slight trace.

## HONORARY MEDICAL STAFF

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**HON. CONSULTING OBSTETRICIAN:**

R. P. RANKEN LYLE, M.D., F.R.C.O.G.

**HON. OBSTETRIC PHYSICIANS:**

E. FARQUHAR MURRAY, M.D., F.R.C.S., F.R.C.O.G.  
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F. E. STABLER, M.D., F.R.C.S., F.R.C.O.G.

**HON. ASSISTANT OBSTETRIC PHYSICIAN:**

WILLIAM HUNTER, M.D., B.S., M.R.C.O.G.

**HON. PHYSICIAN:**

F. J. NATTRASS, M.D., B.S., F.R.C.P.

**HON. SURGEON:**

WELDON P. T. WATTS, M.B., B.S., F.R.C.S.E.

**HON. CONSULTING OPHTHALMIC SURGEON:**

J. D. WARDALE, M.A., M.B.

**HON. OPHTHALMIC SURGEON:**

H. VERNON INGRAM, O.B.E., T.D., M.B., B.S., D.O.M.S. (R.C.P. & S.),  
M.R.C.S.

**HON. BACTERIOLOGIST:**

E. McMURCHIE DUNLOP, M.C., M.A., M.D.

**HON. PEDIATRICIAN:**

J. C. SPENCE, M.D., B.S., F.R.C.P.

**HON. CONSULTING DENTAL SURGEON:**

R. V. BRADLAW, L.R.C.P., M.R.C.S., L.D.S.

**HON. MATERNITY AND CHILD WELFARE PHYSICIAN:**

F. J. W. MILLER, M.B., M.R.C.P., D.C.H.

### NUMERICAL SUMMARY.

Presentations:—	Booked	Emergency	Total
Anterior Position of Occiput .....	1483	350	1833
Posterior Position of Occiput .....	46	33	79
Breech .....	60	57	117
Face and Brow .....	5	6	11
Transverse Lie .....	11	15	26
Multiple Pregnancy .....	27	30	57
All Presentations delivered by Cæsarean Section .....	53	38	91
	1685	529	2214

One case of Multiple Pregnancy was a set of Triplets.

27 cases were admitted and discharged as not in labour.  
61 cases were admitted "For Investigation" and 10 under a wrong diagnosis.

Many Breech Presentations were corrected by External Version in the Ante Natal Department, and in the Hospital, but there is no detailed report of these: a number were included in the 61 admitted "For Investigation."

#### Ante Partum Hæmorrhage

(a) Accidental .....	11	50	61
(b) Placenta Prævia .....	10	49	59
Pre-eclamptic Toxæmia .....	63	122	185
Hypertension .....	23	17	40
Eclampsia .....	5	18	23
Hyperemesis Gravidarum .....	3	18	21
Late Toxic Vomiting .....	2	1	3
Heart Disease .....	49	17	66
Contracted Pelvis .....	53	10	63
Presentation and Prolapse of the Cord .....	5	17	22
Post-partum Hæmorrhage .....	24	30	54
Retained Placenta .....	25	33	58
Uterine Inertia .....	10	25	35
Blood Transfusion .....	52	87	139
Rh. Negative Patients .....	102	12	114

#### Ante Natal Clinics:—

Number of Patients attended .....	.....	.....	3137
Total Attendances .....	.....	.....	9186

#### Post Natal Clinics:—

Number of Patients attended .....	.....	.....	1036
Total Attendances .....	.....	.....	1086

### **Extern Maternity.**

Of the 277 patients attended by the hospital 271 were attended in their own homes and 2 of these cases were transferred to hospital.

Total Cases .....	.....	.....	.....	.....	.....	277
Deliveries .....	.....	.....	.....	.....	.....	271
Abortions .....	.....	.....	.....	.....	.....	0
Transferred to Hospital before delivery (subsequently recorded as intern patients) .....	.....	.....	.....	.....	.....	6
Transferred to Hospital after delivery .....	.....	.....	.....	.....	.....	2

#### Admitted Cases:—

- (1) Fœtal distress in the first stage.
- (2) Prolonged labour.
- (3) Persistent Occipito-posterior.
- (4) High Head in labour.
- (5) Unknown Presentation.
- (6) Placenta Prævia.
  
- (a) Premature baby and mother admitted — Neonatal jaundice and breast feeding difficulties.
  
- (b) Mother and baby admitted — Neonatal cyanosis. Her other child died in Fever Hospital of Cerebro-spinal meningitis on the same day.

#### Presentations:—

Vertex, anterior position .....	.....	.....	229
Vertex, Posterior position .....	.....	.....	11
Breech .....	.....	.....	5
Face .....	.....	.....	1
Twin { Vertex 1 }	.....	.....	2
{ Breech 3 }	.....	.....	
B.B.A. .....	.....	.....	23 271

#### Complications (Delivered cases not admitted to hospital):

Forceps .....	.....	.....	6
P.P.H. .....	.....	.....	3
Retained Placenta (Manual Removal) .....	.....	.....	1 10
Fœtal Complications .....	.....	.....	0

#### Fœtal Abnormalities:—

Cleft Palate .....	.....	.....	1
Maldeveloped limb .....	.....	.....	1 2

## **Extern Maternity (continued)**

### **Infants:—**

Survived	.....	.....	.....	.....	265
Stillborn	.....	.....	.....	.....	2
Macerated	.....	.....	.....	.....	3
Died	.....	.....	.....	.....	2
Transferred to Hospital (Dehydration)				1	273

There was 1 maternal death, a mortality of 0.36%.

### **Maternal Death.**

Gravida 6. Age 37. Accidental Ante-partum hæmorrhage and Obstetric shock. The District staff were notified that this patient had gone into labour and had been delivered. On arrival at the house the infant was in fact delivered as far as the shoulders. The mother's condition was critical; she was in a state of shock, air hunger being present. Pulse 134 per minute. Delivery of a macerated child was completed and medical aid called. Twenty minutes after delivery a blood transfusion was begun and the placenta removed manually. The patient however was beyond recovery and death occurred 5 minutes later. No history was obtained from the patient but her friends stated that she had had ante-partum bleeding for about a week before delivery. The patient was said to have attended the ante-natal clinic of the hospital but no record of this could be found. She was 36-38 weeks pregnant at the time of delivery.

## EMERGENCY SERVICE.

In 1947 Emergency Service calls numbered 89.

Date	Place and Distance.	Miles	Diagnosis	Condition of Patient	Treatment		Result	Remarks
Jan. 1st	..... Newcastle	....	— Forceps delivery : P.P.H. ..... retained placenta	Fair	..... Blood transfusion : manual removal of placenta	..... Good	.....	.....
Jan. 9th	..... Rowlands Gill	.... 12	Normal delivery : P.P.H. ..... retained placenta	Fair : shocked	..... Blood transfusion : placenta expressed : suture of perineal laceration	..... Good	.....	.....
Jan. 11th	..... Willington	....	24 ..Retained placenta : P.P.H.	Fair: B.P. 90/50	..... Manual removal of placenta : blood transfusion	..... Good	.....	.....
Jan. 14th	..... Langley Park	....	14 ..P.P.H.	....	..... Very poor : B.P. 50/?	..... Fair	.....	..... Transferred to P.M.M.H.
Feb. 1st	..... Spennymoor	....	25 ..Post partum shock	Good	..... Morphia grains $\frac{1}{4}$	..... Satisfactory	.....	.....
Feb. 2nd	..... Tantbie	.... 8	..... Retained placenta : shock	Fair	..... Placenta expressed : blood transfusion ..... 2 pints	..... Satisfactory	.....	.....
Feb. 17th	..... Walker	....	5 ..P.P.H.	Fair	..... Blood transfusion	.....	.....	.....
Feb. 21st	..... Hardwick Hall	....	27 ..Secondary P.P.H.	Fair	..... Blood transfusion 2 pints	.....	.....	.....
Feb. 28th	..... Newcastle	....	— ..P.P.H. : shock	Fair	..... Blood transfusion 2 pints	.....	.....	.....
Mar. 2nd	..... Wallsend	....	4 ..Retained placenta : P.P.H.	Poor	..... Blood transfusion 2 pints : manual removal of placenta	.....	.....	.....
Mar. 5th	..... Berwick	....	64 ..P.P. sub acute yellow atrophy of liver	Poor	..... Intravenous Glucose saline 5 pints	..... Good	.....	.....
Mar. 6th	..... Newcastle	....	— ..Retained placenta : P.P.H. : shock	Poor	..... Blood transfusion 3 pints : placenta expressed	..... Satisfactory	.....	.....
Mar. 7th	..... Bedlington	....	12 ..Central Placenta Prævia: shock	Poor: B.P 70/46	..... Blood transfusion 3 pints : L.S.C.S.	..... Satisfactory	.....	..... Baby still-born
Mar. 12th	..... Berwick	....	64 ..Prolonged labour	Fair	..... Forceps delivery	..... Satisfactory	.....	.....
Mar. 12th	..... Hexham	....	21 ..Secondary P.P.H.	Poor	..... Removal of placental cotyledon : blood transfusion $4\frac{1}{2}$ pints	..... Satisfactory	.....	.....
Mar. 14th	..... Newcastle	....	— ..P.P.H.	Fair	..... Blood transfusion 1 pint	.....	.....	.....
Mar. 20th	..... Ryton	....	12 ..P.P.H.	Fair	..... Plasma infusion 2 pints	.....	.....	.....
Mar. 21st	..... Newbiggin	....	16 ..P.P.H.	Poor	..... Plasma infusion 2 pints : blood transfusion $\frac{1}{2}$ pint	.....	.....	.....
Mar. 22nd	..... Westerhope	....	2 ..P.P.H.	Fair	..... Blood transfusion 1 pint	.....	.....	.....
Mar. 25th	..... Berwick	....	64 ..Delayed 2nd stage	Good	..... Forceps delivery	.....	.....	.....
Mar. 29th	..... Gateshead	....	3 ..P.P.H.	Patient died 10 minutes before arrival of Emergency Squad	.....	.....	.....	.....
April 6th	..... Bensham	....	3 ..Retained placenta : P.P.H.	Poor	..... Blood transfusion 2 pints : manual removal of placenta	.....	.....	..... Satisfactory
April 17th	..... Gateshead	....	3 ..P.P.H. and shock	Poor	..... Blood transfusion 2 pints : manual removal of placenta	.....	.....	.....
April 18th	..... Newcastle	....	— ..P.P.H. : retained placenta	Poor	..... B.P. 90/?	.....	.....	..... Satisfactory
April 28th	..... Newcastle	....	— ..P.P.H.	Good	..... Morphia grains $\frac{1}{4}$	.....	.....	.....
May 5th	..... Hebburn	....	6 ..Incomplete abortion	Poor	..... Blood transfusion 2 $\frac{1}{2}$ pints : manual evacuation of uterus	..... Good	.....	.....
May 8th	..... Walker	....	3 ..P.P.H.	Good	..... Plasma infusion 1 pint	.....	.....	.....
May 8th	..... Whickham	....	4 ..Retained placenta	Fair: B.P. 45/?	..... Manual removal of placenta : blood transfusion 2 pints	.....	.....	.....
May 16th	..... Ferryhill	....	26 ..Retained placenta : P.P.H.	Poor	..... Blood transfusion 1 pint : attempted manual removal of placenta	.....	.....	..... Maternal death

## EMERGENCY SERVICE (Continued).

Date	Place and Distance.	Miles	Diagnosis	Condition of Patient	Treatment	Result	Remarks
May 16th	..... Newcastle	....	..... Retained placenta : P.P.H.	.... Fair	.... Blood transfusion 2 pints : manual removal of placenta	.... Satisfactory	....
May 17th	..... Rookhope	....	32 ..... Retained placenta : P.P.H.	.... Fair	.... Blood transfusion 2 pints : placenta expressed	.... Satisfactory	....
May 19th	..... Bishop Auckland	....	20 ..... Placenta Prævia	.... Good	.... Blood transfusion 2 pints : A.R.M.	.... Satisfactory	....
May 26th	..... Lanchester	....	12 ..... P.P.H.	.... Poor	.... Blood transfusion 3 pints	.... Satisfactory	....
May 26th	..... Newcastle	....	— ..... Acute inversion of the uterus	.... Poor	.... Blood transfusion 3 pints : manual replacement	.... Satisfactory	....
May 27th	..... Newcastle	....	— ..... P.P.H.	.... Poor	.... Blood transfusion 3 pints	.... Satisfactory	....
May 28th	..... Gateshead	....	3 ..... P.P.H. (vulval lacerations)	.... Poor	.... Blood transfusion 2 pints : suture	.... Satisfactory	....
June 6th	..... Willington	....	24 ..... P.P.H.	.... Poor	.... Blood transfusion 2 pints	.... Satisfactory	....
June 7th	..... Gateshead	....	3 ..... A.P.H. : Placenta prævia	.... Poor	.... Blood transfusion 2½ pints	.... Improved	.... Admitted to hospital
June 10th	..... Chopwell	....	14 ..... Incomplete abortion	.... Poor	.... Blood transfusion 3 pints	.... Improved	.... Admitted to hospital
June 10th	..... Chopwell	....	14 ..... Complete abortion	.... Good	.... Nil	.... Satisfactory	....
June 14th	..... Jarrow	....	7 ..... Retained Placenta	.... Good	.... Manual removal of placenta	.... Good	....
June 18th	..... Bedlington Station	....	12 ..... Retained Placenta	.... Fair	.... Blood transfusion 2 pints : manual removal of placenta	.... Good	....
June 19th	..... Sherburn Estate	....	16 ..... P.P.H. : retained placenta	.... Poor: B.P 40/28	.... Blood transfusion 3 pints : placenta expressed	.... Satisfactory	....
June 22nd	..... Throckley	....	8 ..... Deep transverse arrest	.... Good	.... Forceps delivery	.... Satisfactory	....
June 23rd	..... Washington	....	7 ..... P.P. : shock	.... Fair	.... B.P 80/60	.... Blood transfusion 1 pint	.... Satisfactory
June 27th	..... Felling	....	3 ..... P.P.H.	.... Fair	.... B.P 68/46	.... Blood transfusion 1½ pints	.... Satisfactory
June 27th	..... ?	....	? ..... P.P.H.	.... Poor	.... Patient died before Emergency Squad left the Hospital	....	....
June 30th	..... High Spenn	....	13 ..... Retained placenta : P.P.H.	.... Poor	.... Blood transfusion 2 pints : manual removal of placenta	.... Satisfactory	....
July 1st	..... Willington	....	24 ..... P.P.H. : shock	.... Fair	.... Blood transfusion 2 pints	.... Satisfactory	....
July 1st	..... Blackhill	....	16 ..... P.P.H. : retained placenta	.... Poor	.... Blood transfusion 3 pints : manual removal	.... Satisfactory	....
July 1st	..... Seaton Burn	....	6 ..... P.P.H.	.... Good	.... Medical	....	....
July 10th	..... Scotswood	....	— ..... P.P.H.	.... B.P 100/60	.... Blood transfusion 3 pints	.... Satisfactory	....
July 12th	..... Hebburn	....	6 ..... P.P.H.	.... Poor: B.P 50/20	....	.... Satisfactory	....
July 13th	..... Dunston	....	3 ..... Retained placenta : shock	.... Fair	.... Blood transfusion 2 pints	.... Maternal death	....
July 19th	..... Wallsend	....	4 ..... P.P.H.	.... Very poor	.... Medical	.... Satisfactory	....
July 21st	..... Bishop Auckland	....	29 ..... Secondary P.P.H.	.... Fair	.... Blood transfusion 2 pints	.... Satisfactory	....
Aug. 3rd	..... Hebburn	....	6 ..... P.P.H.	.... Poor: B.P 90/?	.... Blood transfusion 2 pints : evacuation of uterus	.... Satisfactory	....
Aug. 14th	..... Felling	....	3 ..... P.P.H.	.... Fair	.... Blood transfusion 2 pints	.... Satisfactory	....
Aug. 19th	..... Jarrow	....	7 ..... Retained placenta : P.P.H.	.... Fair	.... Blood transfusion 1 pint : placenta expressed	.... Satisfactory	....
Aug. 26th	..... Newcastle	....	— ..... P.P.H. : complete laceration of perineum	.... Poor	.... Blood transfusion 3 pints : perineal repair	.... Satisfactory	....
Aug. 29th	..... Carrhill	....	14 ..... P.P.H. (miscarriage)	.... Poor	.... Blood transfusion 3 pints	.... Satisfactory	....
Aug. 29th	..... Newcastle	....	— ..... P.P.H. : shock	.... Fair	.... B.P 84/60	.... Satisfactory	....
Sept. 9th	..... Hebburn	....	6 ..... Retained placenta : P.P.H.	.... Fair	.... Blood transfusion 2 pints : manual removal	.... Satisfactory	....
Sept. 17th	..... Nettlesworth	....	? ..... Prolonged labour	.... Good	.... Forceps delivery	.... Satisfactory	....

## EMERGENCY SERVICE (Continued).

Date	Place and Distance.	Miles	Diagnosis	Condition of Patient	Treatment	Result	Remarks
Sept. 19th	Ashington	....	17 .... Retained placenta : P.P.H.	Fair	..... Blood transfusion 2 pints : manual removal	..... Satisfactory	.....
Sept. 23rd	Shiremoor	....	6 .... P.P.H. ....	Fair	..... Blood transfusion 2 pints	..... Satisfactory	.....
Sept. 26th	Hazlerigg	....	3 .... Breech presentation: prolapsed cord	Good	..... Breech extraction	..... Satisfactory	.....
Oct. 2nd	Blackhill	....	16 .... Incomplete abortion	Poor	..... Blood transfusion 3 pints	..... Satisfactory	.....
Oct. 11th	Blackhill	....	16 .... Incomplete abortion	....	..... Poor: B.P 60/40 Blood transfusion 3 pints : evacuation of uterus	..... Satisfactory	..... Transferred to hospital
Oct. 18th	Shiremoor	....	6 .... P.P.H. ....	....	..... Poor: B.P 63/30 Blood transfusion ? of uterus	..... Satisfactory	.....
Oct. 18th	Gosforth	....	2 .... P.P.H. : shock : inversion of uterus	....	..... Fair: B.P 92/70 Blood transfusion 1 pint	..... Improved	..... Transferred to Hospital digital replacement 1/12 later
Oct. 18th	Annitsford	....	7 .... P.P.H. ....	....	..... Fair: B.P 50/30 Blood transfusion 2 pints	..... Satisfactory	.....
Oct. 19th	Newcastle	....	— .... P.P.H. ....	....	..... Poor: B.P 65/30 Blood transfusion 2 pints	..... Satisfactory	.....
Oct. 21st	Hardwick Hall	....	27 .... Secondary P.P.H.	....	..... Fair: B.P 92/70 Blood transfusion 2 pints	..... Improved	..... Transferred to hospital
Oct. 29th	Newbiggin	....	16 .... P.P.H. ....	....	..... Fair: B.P 92/70 Blood transfusion 1 pint	..... Satisfactory	.....
Oct. 29th	Blackhill	....	16 .... Incomplete abortion	....	..... Good: B.P 110/94 Blood transfusion 1 pint : evacuation of uterus	..... Satisfactory	.....
Nov. 13th	Hebburn	....	6 .... P.P.H. ....	....	..... Poor: B.P 50/20 Blood transfusion 2 pints	..... Satisfactory	.....
Nov. 15th	Lemington	....	4 .... F.F.O. : high head : cervix undilated	....	..... Good: Manual rotation : abdominal binder	..... Improved	..... F.D. by own Doctor later
Nov. 20th	Sheriff Hill	....	3 .... P.P.H. ....	....	..... Poor: B.P 74/46 Blood transfusion 2 pints	..... Satisfactory	.....
Nov. 29th	Stanhope	....	25 .... Incomplete abortion	....	..... Poor: B.P 70/40 Blood transfusion 1 pint : evacuation of uterus	..... Satisfactory	.....
Nov. 29th	Blaydon	....	4 .... Incomplete abortion	....	..... Good: Evacuation of uterus	..... Satisfactory	.....
Dec. 5th	Hardwick Hall	....	27 .... Secondary P.P.H.	....	..... Good: Blood transfusion 1 pint	..... Satisfactory	.....
Dec. 13th	Hazlerigg	....	3 .... P.P.H. ....	....	..... Poor: Blood transfusion 3 pints : evacuation of uterus	..... Satisfactory	.....
Dec. 13th	Wardley	....	5 .... Impacted breech	....	..... Good: B.P 104/50 Breech extraction	..... Satisfactory	.....
Dec. 14th	Heaton	....	— .... Retained placenta : P.P.H.	....	..... Poor: B.P 50/30 Blood transfusion 3 pints : placenta expressed	..... Satisfactory	.....
Dec. 18th	Wallsend	....	4 .... P.P.H. ....	....	..... Poor: B.P 84/? Blood transfusion 1 pint	..... Satisfactory	.....
Dec. 26th	Croxdale	....	16 .... Retained cotyledon : P.P.H.	....	..... Patient dead on arrival of Emergency Squad	.....	.....
Dec. 28th	Newcastle	....	— .... P.P.H. ....	....	..... Poor: B.P 70/30 Blood transfusion 3 pints	..... Satisfactory	.....
Dec. 30th	Hexham	....	21 .... Persistent occipito posterior	....	..... Good: Forceps delivery	..... Satisfactory	.....

## PRE-ECLAMPTIC TOXÆMIA

There were 185 Patients with Pre-Eclamptic Toxæmia. Of these 63 were in Booked cases and 122 in Emergency admissions.

### BOOKED CASES

No.	Age	Gravida	Mat- urity	Blood Pressure Highest	Blood Pressure Lowest	Albuminuria On ad- mission	On dis- charge	Edema	Headache	Eye Signs	Delivery	Special Treatment	Type of Delivery	Result M C	Remarks
63	38	9	....	36	....170/100	....140/ 90	....++	V.F.T.	....+++	....+	....Nil	....	....Normal	....L	....
113	32	2	....	40	....140/ 90	....125/ 80	....+++	Nil	....Not recorded	....Not recorded	....Nil	....	....Normal	....L	....
126	24	1	....	39	....170/110	....130/ 80	....++	Nil	....Not recorded	....Not recorded	....Nil	....	....Normal	....L	....
133	31	1	....	38	....190/100	....126/ 86	....+++	Nil	....Not recorded	....Not recorded	....Nil	....	....Normal	....L	....
169	29	1	....	35	....180/120	....130/ 90	....+++	Nil	....Not recorded	....Not recorded	....Nil	....	....Normal	....L	....
170	40	1	....	40	....170/ 90	....148/ 96	....++	V.F.T.	....++	....-	....Nil	....	....Normal	....L	....
197	31	1	....	38	....140/ 90	....140/ 90	....++	Nil	....Not recorded	....Not recorded	....Nil	....	....Normal	....L	....
198	31	2	....	40	....120/ 75	....100/ 70	....++	Nil	....Not recorded	....Not recorded	....Nil	....	....Normal	....L	....
236	30	1	....	40	....180/110	....—	....++	+	....Not recorded	....Not recorded	....Nil	....	....Normal	....L	....
300	26	2	....	36	....190/120	....145/110	....++	+	....++	....++	....Nil	....	....Normal	....L	....
352	24	1	....	40	....160/110	....145/ 85	....++	+	....++	....++	....Nil	....	....Normal	....L	....
356	20	1	....	36	....155/100	....130/ 80	....++	+	....—	....—	....Nil	....	....Normal	....L	....
368	32	1	....	40	....185/100	....120/ 90	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
425	25	2	....	38	....155/ 95	....130/ 90	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
459	40	4	....	38	....170/105	....140/ 70	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
460	32	2	....	39	....150/100	....135/100	....++	Trace	....—	....—	....Nil	....	....Normal	....L	....
558	20	1	....	36	....160/110	....140/ 90	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
568	24	1	....	40	....178/120	....120/ 70	....++	Not recorded	....Not recorded	....Not recorded	....Nil	....	....Normal	....L	....
591	23	1	....	36	....130/ 80	....120/ 75	....++	Trace	....++	....++	....Nil	....	....Normal	....L	....
617	34	1	....	40	....170/120	....140/100	....++	Nil	....—	....—	....Nil	....	....Normal	....L	....
640	25	1	....	39	....146/ 95	....110/ 60	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
643	22	1	....	40+1	....145/ 90	....140/ 95	....++	Trace	....++	....++	....Nil	....	....Normal	....L	....
647	32	2	....	36	....165/ 95	....145/105	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
658	25	1	....	40	....150/110	....150/120	....++	Trace	....++	....++	....Nil	....	....Normal	....L	....
725	28	1	....	38	....180/120	....170/110	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
783	22	1	....	38	....170/110	....110/ 60	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
823	29	3+1	....	40	....180/105	....160/120	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
844	21	1	....	40	....170/110	....125/ 90	....++	Trace	....—	....—	....Nil	....	....Normal	....L	....
884	30	1	....	36	....188/115	....160/110	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....
885	26	1	....	40	....150/100	....—	....++	Trace	....++	....++	....Nil	....	....Normal	....L	....
913	25	1	....	40	....150/ 95	....126/ 85	....++	Trace	....++	....++	....Nil	....	....Normal	....L	....
927	38	5	....	22	....220/120	....170/110	....++	Nil	....++	....++	....Nil	....	....Normal	....L	....

—

Days  
till  
onset  
of labour

Treatment

Delivery

Type of  
Delivery

Result  
M  
C

Nil

Normal

Breech

Normal

Nil

Normal

Nil

Normal

Nil

Normal

Normal</p

## PRE-ECLAMPTIC TOXÆMIA (Continued)

### BOOKED CASES

No.	Age	Gravida	Mat- urity	Blood Pressure Highest	Blood Pressure Lowest	Albuminuria On ad- mission	Edema	Headache	Eye Signs	Days till Delivery	Special Treatment	Type of Delivery	Result M C	Remarks
935	31	1	....	40	....170/100	....135/85	....+	....	....	....	....	....	....	....
944	26	2	....	40	....170/110	....128/80	....+	....	....	....	....	....	....	....
945	25	1	....	34	....170/100	....140/90	....+	....	....	....	....	....	....	....
960	26	2	....	38	....140/90	....120/85	....+	....	....	....	....	....	....	Multiple pregnancy
996	41	1	....	38	....220/110	....190/100	....++	....	....	....	....	....	....	....
1005	31	2	....	38	....160/90	....145/80	....++	....	....	....	....	....	....	....
1006	29	2	....	40	....180/110	....130/80	....++	....	....	....	....	....	....	....
1034	26	2	....	40	....150/95	....125/88	....++	....	....	....	....	....	....	....
1222	37	1	....	38	....188/105	....120/85	....++	....	....	....	....	....	....	....
1268	31	1	....	40+	....2120/80	....160/110	....++	....	....	....	....	....	....	....
1301	34	3	....	34	....210/120	....160/110	....++	....	....	....	....	....	....	....
1307	26	2	....	40	....170/115	....130/85	....Trace	....Nil	....++	....	....	....	....	....
1309	40	1	....	38	....170/100	....135/80	....Nil	....+	....	....	....	....	....	....
1401	41	3	....	40	....210/130	....165/90	....Trace	....Nil	....-	....	....	....	....	....
1407	27	1	....	38	....160/110	....130/90	....+	....	....	....	....	....	....	....
1409	26	1	....	37	....158/110	....120/80	....+	....	....	....	....	....	....	....
1530	25	1	....	40+	....2165/95	....120/65	....Trace	....Nil	....+	....	....	....	....	....
1696	34	1	....	37	....170/105	....130/90	....++	....	....	....	....	....	....	....
1700	38	3	....	24	....210/105	....155/80	....Trace	....Nil	....-	....	....	....	....	....
1839	23	1	....	40+	....160/100	....130/70	....Nil	....++	....+	....	....	....	....	....
1853	19	1	....	40	....160/110	....130/96	....++	....	....	....	....	....	....	....
1934	28	2	....	37	....170/100	....140/80	....Trace	....Nil	....++	....	....	....	....	....
2085	41	3	....	36	....170/100	....120/80	....Trace	....Nil	....-	....	....	....	....	....
2121	20	1	....	35	....140/90	....110/70	....++	....	....	....	....	....	....	....
2159	24	1	....	40	....160/90	....140/90	....+	....	....	....	....	....	....	....
2240	31	3	....	40	....150/100	....130/90	....+	....	....	....	....	....	....	....
2374	24	1	....	40	....150/100	....150/90	....++	....	....	....	....	....	....	....
2432	33	2	....	36	....190/120	....160/100	....++	....	....	....	....	....	....	....
2443	29	1	....	37	....140/80	....130/84	....++	....	....	....	....	....	....	....
2448	32	3	....	40	....190/100	....150/90	....++	....	....	....	....	....	....	....
2537	35	1	....	40+	....160/85	....150/90	....++	....	....	....	....	....	....	....

12

There were no Maternal Deaths. Out of 69 Babies born (including non viable foetuses) 9 died or were stillborn.

Foetal Mortality 13.05%

# PRE-ECLAMPTIC TOXAEMIA (Continued)

## EMERGENCY CASES

No.	Age	Gravida	Maturity	Blood Pressure Lowest	On admission	Edema	Headache	Eye Signs	Days till Delivery	Special Treatment	Type of Delivery	Result M C	Remarks
27	29	6	40	140/100	130/85	Trace	Nil	—	1	A.R.M.:D.S.	Normal	—	Readmitted at term in labour
54	22	3	36	150/90	120/80	Nil	+	—		N/A Nil	Normal	—	
99	21	1	40	160/100	120/75	Nil	+	—		Nil	Normal	—	
102	21	2	40	160/100	140/85	Nil	+	—		Nil	Normal	—	
110	34	1+1	33	195/100	150/110	++	+	—		56	Normal	—	Mc
175	30	1	40	170/110	130/80	Nil	++	—		Twin	Normal	—	Mc
203	23	1	40+	170/120	130/90	+++	++	—		8	Normal	—	
221	24	1	40	140/78	120/80	+	Nil	++		2	Cæs. Section	—	
238	26	1	38	180/110	130/90	++	++	—		19	A.R.M.	Normal	—
244	29	1	37	150/90	120/80	++	++	—		50	Nil	Normal	—
245	22	1	36	150/110	90/60	++	++	—		2	A.R.M.:D.S.	Normal	—
271	28	1	40	180/100	130/80	++	Nil	—					Oedema of vulva: aspirated
281	23	1	39	180/120	150/80	++	Nil	++		3	A.R.M.:D.S.	Normal	—
282	26	1	30	200/140	135/90	++	Nil	++		35	Nil	Brech	—
301	25	1	39	160/100	130/80	++	+	—		30	Nil	(1) Forceps	—
355	23	1	40	160/100	140/90	+	Nil	—		7	A.R.M.:D.S.	Normal	—
357	33	8	40	150/100	125/70	Nil	Nil	—		26	Nil	Normal	—
417	38	1	40	150/90	128/90	++	Nil	++		Nil	Nil	Forceps	—
433	22	1	40	180/110	110/70	++	++	++		2	Nil	Normal	—
490	33	1	39	200/100	160/100	++	Trace	++		18	A.R.M.:S.W.	Normal	—
510	21	1	40	160/90	135/90	++	Nil	++		9	Nil	Normal	—
540	31	2	33	205/140	150/98	++	Nil	++		10	A.R.M.:D.S.	Normal	—
551	43	3	30	230/120	175/110	++	+	++		12	A.R.M.:Q.C.B.	Normal	—
555	21	1	40	170/100	150/70	++	Trace	++		3	Nil	Forceps	—
602	25	1	40	195/115	158/118	++	+	—		5	Nil	Normal	—
618	22	1	38	148/90	120/88	++	Nil	—		N/A	Nil	N/A	—
620	27	3	37	160/95	142/80	Nil	+	—		9	A.R.M.:S.W.	Normal	—
648	24	1	40+	152/90	130/85	++	Trace	++		8	Nil	Normal	—
666	25	1	40	170/90	135/85	++	Nil	—					—
668	39	1	39	160/95	110/70	++	Nil	—					—
696	30	1	36	170/100	130/95	Trace	Nil	++		3	Nil	Normal	—
727	41	4	40	145/90	125/85	+	Trace	++		3	Nil	Normal	—
757	28	1	40	200/120	140/100	++	Nil	++		2	A.R.M.:S.W.	Normal	—
762	35	3	39	145/100	125/80	++	+	—		21	A.R.M.:D.S.	Normal	—
													Baby died of Pulmonary Haemorrhage

## PRE-ECLAMPTIC TOXÆMIA (Continued)

### EMERGENCY CASES

No.	Age	Gravida	Maturity	Blood Pressure Lowest	On admission	Edema	Headache	Eye Signs	Days till Delivery	Special Treatment	Type of Delivery	Result	Remarks		
811.....	25.....	1.....	36.....	160/115	140/100	++	—	—	3.....	Nil	Normal	L.....	Gross infarction of placenta		
812.....	41.....	1.....	40.....	170/95	140/70	Trace	Nil	—	N/A.....	Nil	Assisted	L.....			
881.....	31.....	2.....	40.....	176/110	145/105	++	—	—	9.....	A.R.M.:D.S.	Normal	L.....			
888.....	20.....	1.....	38.....	190/110	140/65	++	—	—	N/A.....	Nil	Breech	L.....			
895.....	39.....	5.....	36.....	170/110	140/90	++	—	—	28.....	A.R.M.:S.W.	Breech	L.....			
897.....	23.....	2.....	34.....	205/115	180/120	+++	—	—	5.....	A.R.M.:S.W.	Forces	L.....			
942.....	26.....	1.....	34.....	140/85	10/70	++	—	—	8.....	Nil	L.S.C.S.	L.....			
947.....	43.....	6.....	40.....	150/80	130/80	++	—	—	12.....	A.R.M.:D.S.	Normal	L.....			
967.....	22.....	1.....	40.....	170/100	125/90	+++	—	—	16.....	A.R.M.:S.W.	Normal	L.....			
980.....	39.....	1.....	40.....	175/100	145/90	+++	—	—	N/A.....	L.S.C.S.	L.....	L.....	Placenta prævia		
988.....	26.....	1.....	38.....	210/120	120/85	Trace	Nil	—	11.....	A.R.M.:D.S.	Normal	L.....			
989.....	21.....	1.....	40.....	150/90	150/90	++	—	—	9.....	A.R.M.:D.S.	Twin	L.....			
1053.....	27.....	2.....	38.....	160/90	140/85	+++	—	—	N/A.....	Nil	Normal	L.....			
1054.....	43.....	4.....	36.....	180/110	100/70	+++	—	—	N/A.....	Nil	Normal	L.....			
1058.....	27.....	3.....	36.....	160/110	135/100	+++	—	—	14.....	A.R.M.:D.S.	Normal	L.....			
1069.....	33.....	1.....	40.....	150/90	115/65	++	—	—	N/A.....	Nil	Forces	L.....			
1109.....	31.....	1.....	40.....	155/100	120/80	++	—	—	6.....	Nil	Normal	L.....			
1135.....	38.....	5.....	35.....	200/115	120/90	++	—	—	13.....	A.R.M.:D.S.	Normal	L.....			
1141.....	27.....	1.....	40.....	180/120	140/90	++	—	—	16.....	Nil	Assisted	L.....			
1160.....	34.....	3.....	39.....	200/110	180/110	++	—	—	8.....	A.R.M.:S.W.	Breech	L.....			
1161.....	21.....	1.....	40.....	170/110	140/90	++	—	—	4.....	A.R.M.:S.W.	Forces	L.....			
1180.....	33.....	4.....	38.....	150/100	120/80	++	—	—	17.....	Nil	Normal	L.....			
1183.....	34.....	3+1.....	26.....	170/120	135/90	Trace	Trace	++	—	Ab	Abortion	L.....	Intra uterine death		
1244.....	27.....	1.....	36.....	180/110	150/100	Trace	Trace	++	—	—	Normal	L.....			
1247.....	35.....	3.....	34.....	185/110	130/95	++	Not recorded	++	—	—	Normal	L.....			
1249.....	26.....	1.....	40.....	140/100	120/80	++	Trace	++	—	1.....	A.R.M.:D.S.	Normal	L.....		
1260.....	24.....	3.....	40.....	170/100	150/110	+	Trace	++	—	16.....	A.R.M.:S.W.	Twin	L.....		
1315.....	34.....	3.....	34.....	200/120	140/100	++	Trace	++	—	17.....	A.R.M.:D.S.	Normal	L.....		
1353.....	22.....	1.....	34.....	170/110	140/90	Trace	Nil	++	—	25.....	A.R.M.:D.S.	Normal	L.....		
1390.....	40.....	3.....	40.....	190/130	130/80	++	Nil	++	—	Nil	A.R.M.:S.W.	L.S.C.S.	L.....		
1433.....	42.....	1+3.....	40.....	170/100	150/90	++	Nil	++	—	5.....	A.R.M.:S.W.	Forces	L.....		
1454.....	23.....	1.....	38.....	180/120	150/96	++	Nil	++	—	—	Twins	L.....			
1479.....	19.....	1.....	30.....	170/110	154/90	++	Nil	++	—	14.....	Q.C.B.	Normal	L.....		
1484.....	40.....	5.....	40.....	210/130	180/90	++	Nil	++	—	—	N/A.....	A.R.M.:S.W.	Normal	L.....	

# PRE-ECLAMPTIC TOXÆMIA (Continued)

## EMERGENCY CASES

No.	Age	Gravida	Mat- urity	Blood Pressure Highest	Blood Pressure Lowest	Albuminuria On ad- mission	Edema	Headache	Eye Signs	Days till Delivery	Special Treatment	Type of Delivery	Result M C	Remarks
1502	26	1	....	40	140/100	120/100	+	—	—	4	A.R.M.:D.S.	Normal	L	....
1550	28	1	....	39	150/110	145/95	Trace	—	—	8	A.R.M.:D.S.	Normal	L	....
1572	38	1	....	38	200/110	130/90	+	—	—	15	A.R.M.:D.S.	Normal	L	....
1573	27	1	....	40	175/110	145/100	++	—	—	32	A.R.M.:D.S.	Normal	L	....
1580	24	1	....	38	180/110	140/100	++	+	+	7	Nil	Twin	L	Rh-negative
1606	19	1	....	34	170/110	122/80	+++	—	—	11	A.R.M.:D.S.	Normal	L	S/B
1610	26	1	....	36	190/130	140/80	Trace	—	—	8	A.R.M.:D.S.	Normal	L	....
1629	39	7	....	40	168/108	160/90	Trace	—	—	1	A.R.M.:D.S.	Normal	L	....
1648	28	1+3	....	36	170/100	130/90	+	+	+	8	A.R.M.:D.S.	Normal	L	....
1675	25	1	....	36	160/90	140/80	+++	+	+	12	A.R.M.:D.S.	Normal	L	....
1682	24	1	....	39	145/95	120/80	++	+	+	5	A.R.M.:D.S.	Normal	L	....
1697	21	1	....	35	140/100	120/90	++	—	—	N/A	Nil	N/A	L	Referred to own doctor
1752	27	5	....	36	170/84	140/90	+++	—	+	18	A.R.M.:D.S.	Normal	L	....
1780	24	1	....	39	160/100	140/90	++	+	+	Nil	A.R.M.:D.S.	Normal	L	....
1785	22	1	....	39	160/110	120/80	+	—	—	10	A.R.M.:D.S.	Normal	L	....
1799	24	1	....	40	160/110	145/110	+	—	—	6	Nil	Normal	L	....
1832	29	4	....	36	180/120	130/90	—	+	+	18	Nil	Normal	L	....
1842	22	1	....	40	140/100	—	++	+	—	Nil	Nil	Mento	L	....
1891	32	2	....	40	180/110	130/84	+++	—	—	3	A.R.M.:D.S.	Normal	L	Anterior
1965	22	1	....	39	140/100	130/90	++	—	—	5	A.R.M.:D.S.	Normal	L	....
1966	38	6	....	31	180/120	130/90	+++	—	—	4	A.R.M.:D.S.	Normal	L	S/B
2005	26	1	....	40	160/110	130/80	++	+	+	32	Nil	Normal	L	....
2037	20	1	....	40	140/90	130/80	+	—	—	1	A.R.M.:D.S.	Normal	L	....
2058	42	5	....	40	180/110	140/80	+++	+	+	5	Medical	Normal	L	Mc
2073	42	5+1	....	40+1	140/90	150/90	—	—	—	1	A.R.M.:D.S.	Normal	L	....
2087	32	5	....	35	190/110	150/90	++	—	—	4	Medical	Normal	L	....
2163	26	4	....	37	150/100	136/90	++	—	—	5	A.R.M.:S.W.	Normal	L	....
2178	31	2	....	34	160/100	140/90	++	—	—	12	Medical	Normal	L	....
2223	24	1	....	36	190/130	150/100	++	—	—	Nil	A.R.M.:D.S.	Normal	L	Un-delivered
2253	23	1	....	28	160/100	120/80	++	—	—	Nil	Nil	N/A	L	Referred to own doctor
2261	40	4	....	36	180/110	120/80	++	—	—	1	A.R.M.:D.S.	Normal	L	....
2285	22	1	....	40	130/80	120/80	++	—	—	3	Medical	Normal	L	....
2295	39	3	....	40	160/90	140/70	++	—	—	5	Medical	Normal	L	S/B
2323	25	3	....	36	180/100	140/90	Solid	—	—	7	A.R.M.:D.S.	Normal	L	....
2332	24	1	....	32	190/110	130/90	++	—	—	Bipolar	++	Bipolar	L	version: Breech
2341	28	2	....	34	210/130	170/120	++	—	—	2	A.R.M.:D.S.	Normal	L	....
2342	31	3	....	36	190/110	140/80	++	—	—	22	A.R.M.:D.S.	Normal	L	....
2370	24	1	....	34	180/110	130/80	++	—	—	6	A.R.M.:D.S.	Normal	L	....

### PRE-ECLAMPTIC TOXEMIA (Continued)

No.	Age	Gravida	Mat- urity	Blood Pressure Highest	On ad- mission	On dis- charge	Albuminuria			Eye Signs	Days till Delivery	Special Treatment	Type of Delivery	Result M C	Remarks
							Edema	Headache	+						
2375	21	1	38	180/110	140/ 90	Nil	+++	—	—	—	10	Medical	Normal	L	.....
2413	32	2	40	180/104	130/ 80	Nil	+++	—	—	—	N/A	Medical	Normal	L	.....
2418	40	5	36	180/ 80	130/ 80	+	—	—	—	—	21	A.R.M.:D.S.	Normal	L	.....
2439	22	1	36	170/110	150/100	Nil	++	+	—	—	10	A.R.M.:D.S.	Normal	L	.....
2447	23	1	37	170/ 90	150/ 90	Nil	++	—	—	—	9	Medical	Normal	L	.....
2485	19	1	38	150/110	120/ 80	Nil	++	+	—	—	5	A.R.M.:D.S.	Normal	L	.....
2487	33	1	40+	150/ 95	130/ 70	Nil	—	—	—	—	12	Medical	Forces	L	.....
2492	19	1	40	180/105	176/ 90	Nil	—	—	—	—	N/A	Medical	Normal	L	.....
2497	26	1	38	170/110	130/ 90	+	—	—	—	—	10	Medical	Normal	S/B	.....
2498	23	1	38	160/ 95	140/ 90	Nil	++	—	—	—	12	A.R.M.:D.S.	Normal	L	.....
2526	27	5+	32	190/140	170/120	Nil	++	—	—	—	7	A.R.M.	Normal	L	.....
2548	40	12	34	166/ 96	130/ 80	Trace	Nil	—	—	—	N/A	Medical	Un-delivered	N/A	.....
2580	31	1	36	190/120	150/100	Nil	—	—	—	—	21	A.R.M.:D.S.	Normal	L	.....
2618	24	1	24	190/120	130/ 90	+	—	—	—	—	3	Medical	Abortion	L	Ab
2638	26	1+	30	184/110	150/ 90	+++	++	—	—	—	12	A.R.M.:D.S.	Abortion	L	D
2642	33	1	34	196/116	150/ 90	+++	++	—	—	—	19	A.R.M.:D.S.	Normal	L	.....

There were no Maternal Deaths. Out of 128 Babies born (including non-viable foetus) 23 died, 8 were stillborn.

Foetal Mortality 17.9%.

Overall Foetal Mortality 16.2%.

## ECLAMPSIA

23 Patients with Eclampsia were admitted to hospital. Of these 5 were Booked Cases and 18 Emergency cases.

### BOOKED CASES

Reg. No.	Age	Gra-vida	Matu- rity	Condition on ad- mission	Type ad- mission	No. before ad- mission	Blood Pressure	URINE Albumin	Edema	Head- ache	Eye symp- toms	Type of Delivery	Special Treatment	Result M C	Remarks	Days to deliv-	
656	38	1	37	Conscious	I.P.	Nil	1	210/130	++	—	—	N/A	Forceps	i.v. Mg So4	L	Admitted 3 days before for Toxaemia	
1213	28	1	40	Conscious	I.P.	Nil	1	Not recorded	+	Not recorded	—	N/A	Forceps	i.v. Mg So4	L	BP130/90: 2 days post partum	
1255	21	1	40	Conscious	P.P.	Nil	1	140/ 86	++	—	—	N/A	Normal	i.v. Mg So4	L		
1399	29	1	32	Drowsy	A.P.	1	1	220/160	Solid	++	++	—	4	Normal	i.v. Mg So4	L	S/B Transferred to NCH with Puerperal Psychosis
1434	19	1	40	Comatose	P.P.	Nil	1	130/ 80	Trace	—	—	N/A	Normal	i.v. Mg So4	L		

There were no Maternal Deaths.

Fœtal Mortality 20%.

## ECLAMPSIA (Continued)

Reg. No.	Age	Gravida	Maternity	FITS			No. before admission	Type ad-mission	Condition on admission	Total	Blood Pressure	URINE	Albumin	Edema	Headache	Eye symp-toms	Type of delivery	Days to delivery	Special treatment	Result C	Remarks
				No. before	Type ad-mission	No. before															
82	25	1	40	1	Drowsy	3	3	P.P.	Conscious	3	180/120	+++	—	—	—	N/A	Normal	i.v. Mg So4	L	?	
151	35	2	?	2	Conscious	2	2	P.P.	Conscious	2	190/100	+++	—	—	—	N/A	Normal	i.v. Mg So4	L	?	
157	28	1	39	1	Conscious	2	2	A.P.	Comatose	3	130/ 90	+++	—	—	—	5	Asst. Breech	i.v. Mg So4	L		
167	24	1	40	1	Comatose	3	3	P.P.	Conscious	1	160/100	+++	—	—	—	N/A	Normal	i.v. Mg So4	L		
197	31	1	38	1	Conscious	1	1	P.P.	Conscious	Not recorded	Not recorded	+++	—	—	—	N/A	Normal	i.v. Mg So4	L		
249	30	2	—	2	Conscious	2	2	P.P.	Conscious	2	130/ 80	+++	—	—	—	N/A	Normal	i.v. Mg So4	L	?	
686	38	3	—	31	Conscious	2	2	A.P.	Conscious	Nil	210/125	+++	—	—	—	N/A	Internal	i.v. Mg So4	L	Mc	
1087	29	1	40	1	Drowsy	2	3	A.P.	Maniacal	?	150/100	+++	—	—	—	Normal	Normal	i.v. Mg So4	L	L	
1145	22	1	?	2	Conscious	1	1	P.P.	Conscious	1	125/105	+++	—	—	—	N/A	Normal	i.v. Mg So4	L	?	
1149	31	2	40	2	Conscious	1	1	P.P.	Comatose	Not recorded	Not recorded	+++	—	—	—	N/A	(1)Forceps	i.v. Mg So4	L	L	
1227	42	6	40	6	Comatose	3	4	A.P.	Comatose	3	150/100	Solid	++	++	—	Br. Ext.	(2)Int. version	Br. Ext.	L		
1395	22	1	37	1	Comatose	4	6	A.P.	Comatose	4	160/100	Solid	++	++	—	(1)Normal	(2)Normal	4	Normal		
1487	22	1	40	1	Conscious	2	1	P.P.	Comatose	3	205/100	+	—	—	—	N/A	Normal	i.v. Mg So4	L	L	
1952	21	2	?	2	Conscious	3	3	P.P.	Comatose	1	130/ 90	++	—	—	—	N/A	(1)Normal	i.v. Mg So4	L	L	
2040	23	1	40	1	Conscious	0	1	I.P.	Comatose	0	130/ 90	++	—	—	—	(2)Normal	Nil	i.v. Mg So4	L	L	
2267	23	1	40	1	Conscious	3	4	I.P.	Conscious	5	180/110	+++	—	—	—	Normal	Forceps	i.v. Mg So4	L	S/B	
2306	27	1	36	1	Conscious	6	6	A.P.	Comatose	3	134/ 84	+++	—	—	—	Normal	Forceps	i.v. Mg So4	L	L	
2467	21	1	40	1	Comatose	4	4	A.P.	Comatose	4	164/ 90	Solid	++	++	—	Normal	Normal	i.v. Mg So4	L	D	

There was 1 Maternal Death.

In 4 cases of Post-partum eclampsia the state of the baby was not ascertained. Of the 17 babies born in hospital (including

3 sets of twins) 4 died or were stillborn.

Fœtal Mortality 23.5%.

Overall Maternal Mortality 4.3%.

Overall Fœtal Mortality 22.7%.

## HYPERTENSION

There were 40 Patients with Hypertension. Of these, 23 were in Booked cases and 17 in Emergency Admissions.

### BOOKED CASES

Reg. No.	Age	Grav- ida	Matu- rity	Blood Pressure Lowest	Other Signs	Treatment	Delivery	till Delivery	M	Result C	Remarks
347.....34....	1 ....	28	.....175/ 90	....130/ 90	....Headaches	.....Medical	.....Normal	.....Re-admitted at term	L .....	L .....	
395.....38....	4 ....	34	.....190/100	....155/100	....Nil	.....Medical	.....Normal	.....Re-admitted at term	L .....	L .....	
432.....24....	1 ....	40	.....145/100	....135/100	....Edema +	.....Medical	.....Forceps	.....12	.....L .....	L .....	
542.....36....	6 ....	39	.....190/140	....60/115	....Edema +	.....A.R.M.: D.S.	.....Normal	.....15	.....L .....	L .....	
623.....35....	2 ....	37	.....180/115	....155/110	....Nil	.....A.R.M.: D.S.	.....Normal	.....18	.....L .....	L .....	
665.....41....	2+2	33	.....205/112	....160/110	....Trace Albuminuria	.....A.R.M.: Medical	.....Normal	.....7	.....L .....	S/B	
788.....44....	6 ....	22	.....190/ 95	....155/ 90	....Nil	.....Medical	.....N/A	.....N/A	.....L .....	N/A	
852.....23....	1 ....	28	.....160/100	....120/ 70	....Headaches; Edema	.....Medical	.....N/A	.....N/A	.....L .....	.....N/A	.....Referred to own Doctor
882.....33....	1 ....	40	.....160/100	....140/ 80	....Nil	.....A.R.M.: S.W.	.....Normal	.....5	.....L .....	L .....	
997.....34....	4 ....	38	.....210/130	....150/100	....Eye Signs; Edema	.....Medical	.....L.S.C.S.	.....15	.....L .....	L .....	.....3 previous C.S.
1111.....22....	2 ....	38	.....190/130	....180/ 90	....Nil	.....A.R.M.: S.W.	.....Normal	.....13	.....L .....	L .....	
1478.....35....	3 ....	40	.....170/105	....150/ 90	....dyspnoea	.....A.R.M.: S.W.	.....Normal	.....4	.....L .....	L .....	
2001.....35....	2 ....	10	.....240/110	....180/ 80	....Nil	.....Evacuation of uterus	.....N/A	.....N/A	.....L .....	Ab	
2084.....30....	3+3	34	.....180/110	....160/100	....Headaches	.....A.R.M.: D.S.	.....Normal	.....5	.....L .....	L .....	
2088.....35....	1 ....	40	.....160/100	....150/ 90	....Nil	.....A.R.M.: S.W.	.....Forceps	.....10	.....L .....	L .....	
2181.....42....	4 ....	36	.....170/110	....150/ 90	....Edema +	.....Medical	.....N/A	.....N/A	.....L .....	N/A	
2224.....20....	1 ....	40	.....150/110	....130/ 90	....Edema +	.....A.R.M.: D.S.	.....Normal	.....N/A	.....L .....	L .....	
2349.....29....	2 ....	26	.....62/112	....120/ 90	....Nil	.....Medical	.....N/A	.....N/A	.....L .....	N/A	
2356.....30....	2 ....	39	.....188/112	....144/104	....Edema and headaches	.....Medical	.....Normal	.....2	.....L .....	L .....	
2357.....28....	4 ....	40	.....180/110	....150/100	....Edema and headaches	.....A.R.M.: D.S.	.....Normal	.....3	.....L .....	L .....	
2371.....43....	1 ....	38	.....190/100	....150/ 90	....Edema and dyspnoea	.....Medical	.....Normal	.....25	.....L .....	L .....	
2470.....28....	1 ....	36	.....190/110	....150/100	....Nil	.....Medical	.....Normal	.....10	.....L .....	L .....	
2559.....37....	3 ....	34	.....234/140	....196/130	....Intermittent Albuminuria	.....A.R.M.: S.W.	.....Face to pubes	.....17	.....L .....	L .....	

There were no maternal Deaths. Out of 19 Babies born (including non-viable foetuses) 2 were stillborn.

Foetal Mortality 10.5%.

## HYPERTENSION (Continued)

### EMERGENCY CASES

Reg. No.	Gravida	Maturity	Blood Pressure Lowest	Other Signs	Treatment	Delivery	till Delivery	M Result	Remarks
254.....37.....	4 .....	28	.... 180/ 96 .... 145/ 90	.... Nil	.... Medical	.... Discharged to own Doctor	.... Not known	.... L .....	N/A ....
284.....35.....	2 .....	34	.... 160/ 90 .... 140/ 90	.... Nil	.... Medical	.... Discharged to own Doctor	.... Not known	.... L .....	N/A .... Family history of Hypertension
290.....23.....	3 .....	40	.... 180/120 .... 130/ 50	.... Edema	.... A.R.M.; D.S.	.... Normal	.... 1	.... L .....	L .....
350.....40.....	8+3.....	38	.... 170/110 .... 140/ 80	.... Nil	.... Medical	.... Discharged to own Doctor	.... Not known	.... L .....	N/A ....
518.....41.....	3 .....	40	.... 200/120 .... 160/110	.... Nil	.... A.R.M.; S.W.	.... Normal	.... 19	.... L .....	L .....
569.....27.....	2 .....	40+1	.... 170/105 .... 140/ 90	.... Dimness of vision	.... A.R.M.; D.S.	.... Normal	.... 3	.... L .....	L .....
828.....45.....	7 .....	28	.... 210/110 .... 170/ 95	.... Nil	.... A.R.M.; D.S.	.... Normal	.... 16	.... L .....	L .....
1003.....39.....	4 .....	40	.... 195/100 .... 180/100	.... Headaches; blurring of discs	.... Medical	.... Normal	.... 2	.... L .....	L .....
1046.....23.....	1 .....	28	.... 210/100 .... 170/ 90	.... Nil	.... Medical	.... Discharged to own Doctor	.... N/A	.... L .....	N/A ....
1124.....48.....	1 .....	40	.... 170/110 .... 150/ 50	.... Nil	.... Medical	.... Normal	.... 3	.... L .....	S/B .... F.F.O.
1181.....35.....	1 .....	37	.... 180/120 .... 130/ 85	.... Headaches	.... Medical	.... L.S.C.S	.... 16	.... L .....	N/A ....
1344.....26.....	1 .....	30	.... 186/116 .... 170/120	.... Nil	.... Medical	.... Undelivered	.... Not known	.... L .....	Referred to own Doctor
1421.....32.....	1 .....	30	.... 180/120 .... 160/100	.... Nil	.... Medical	.... Undelivered	.... Not known	.... L .....	Referred to own Doctor
2034.....43.....	10 .....	26	.... 190/100 .... 150/ 90	.... Nil	.... Medical	.... N/A	.... N/A	.... L .....	Referred to own Doctor
2249.....22.....	1 .....	40	.... 170/120 .... 160/110	.... Edema +	.... A.R.M.; S.W.	.... Normal	.... N/A	.... L .....	N/A ....
2481.....35.....	2 .....	40+1	.... 170/110 .... 160/100	.... Nil	.... Medical	.... Normal	.... 10	.... L .....	L .....
2585.....40.....	2 .....	32	.... 230/120 .... 180/110	.... Headaches and Albuminuria	.... Medical	.... Normal	.... 13	.... L .....	D .... Spontaneous premature labour

There were no maternal Deaths. Out of 10 Babies born 2 died or were stillborn.

Foetal Mortality 20%.

Overall Foetal Mortality 13.8%.

## HYPEREMESIS GRAVIDARUM

There were 21 Patients with Hyperemesis Gravidarum. Of these 3 were in Booked cases and 18 in Emergency admissions.

### BOOKED CASES

Reg. No.	Age	Gravida	Maturity	General Condition	Pulse Rate	Condition of Tongue	Acetone	URINE Sugar	Albumin	Treatment	Result	Remarks
778	35	9	10	Fair	116	Not noted	---	---	+	Medical	Satisfactory	Gross dental sepsis
1238	32	2+1	26	Good	88	Not noted	---	---	-	Medical	Satisfactory	.....
1291	26	1	22	Good	80	Clean	---	---	-	Medical	Satisfactory	.....

There were no Maternal Deaths.

### EMERGENCY CASES

500	24	1	24	Good	94	Furred	++	Nil	Nil	Medical	Satisfactory	Rectal drip/Glucose saline
564	27	1	12	Poor	72	Moist	+	Nil	Trace	Medical	Satisfactory	.....
667	22	1	13	Good	96	Clean	+	Nil	Nil	Medical	Satisfactory	.....
737	24	4	12	Good	80	Clean	+	Nil	Nil	Medical	Satisfactory	.....
949	35	6	12	Good	80	Clean	+	Nil	Nil	Medical	Satisfactory	.....
1300	35	2	6	Good	80	Clean	+	Nil	Nil	Medical	Satisfactory	.....
1471	29	2	12	Fair	104	Not noted	+	Nil	Nil	Medical	Satisfactory	.....
1494	34	5	12	Dehydrated	120	Furred and cracked	++	+	+	Medical	Died	.....
1769	18	1	24	Poor	124	Dry	++	Nil	Nil	Medical	Satisfactory	i.v. Glucose saline
2048	38	4	8	Good	110	Moist	++	Nil	Nil	Medical	Satisfactory	.....
2069	36	2	20	Fair	96	—	++	Nil	Trace	Medical	Satisfactory	.....
2086	32	3	7	Good	76	Moist	++	Nil	Nil	Medical	Satisfactory	.....
2089	24	1	20	Good	84	Moist	++	Nil	Nil	Medical	Satisfactory	.....
2290	34	8+3	12	Good	76	Moist	++	Nil	Nil	Medical	Satisfactory	.....
2299	21	2	24	Good	84	—	++	Nil	Nil	Medical	Satisfactory	.....
2412	31	2	26	Good	88	Moist	++	Nil	Nil	Medical	Satisfactory	.....
2505	25	1	9	Good	72	Moist	++	Nil	Nil	Medical	Satisfactory	.....
2536	21	1	16	Good	120	Moist	++	Nil	Nil	Medical	Satisfactory	.....

There was 1 maternal death.

Overall Maternal Mortality 4.8%.

Maternal Mortality 5.5%.

## LATE TOXIC VOMITING

There were 3 Patients with Late Toxic Vomiting. Of these 2 were in Booked cases and 1 was an Emergency admission.

### BOOKED CASES

Regr. No.	Age	Grav- ida	Matu- rity	General Condition	Pulse Rate	Condition of Tongue	Acetone	URINE Sugar	Albumin	Treatment	Blood Pressure Highest Lowest	M	C	Remarks
192	45	5	32	Fair	.... 80	Not recorded	.... Nil	.... Nil	.... Nil	Medical	.... 105/60..... 100/60	L	.... L	Spontaneous premature labour
1494	34	5	32	Poor	.... 98	Moist	.... +++	.... Nil	.... Nil	Medical	.... 108/80..... 98/?	D	.... S/B	i.v. Glucose: Toxic ileus. See Maternal Deaths

There was 1 Maternal Death.

Maternal Mortality 50%.

1 Baby was stillborn.

Fœtal Mortality 50%.

### EMERGENCY CASE

1595	40	1	.... 30	.... Dehydrated	100	.... Coated and dry	.... ++	.... +++)	.... Trace	.... Medical	....	....	....	.... Diabetes: C.S. at term
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Neither mother nor baby died.

Overall Maternal mortality, 33.3%.

Overall Fœtal mortality, 33.3%.

## HEART DISEASE

There were 66 Patients with Cardiac Disease. Of these 49 were Booked cases and 17 were Emergency admissions.

### BOOKED CASES

Reg. No.	Age	Gravida	Maturity	Lesion	Condition on Admission	Pulse Rate on Admission	Days till Delivery	Previous History	Type of Delivery	Maturity at Delivery	Result	Remarks
208.....22.....	1.....	40.....	.....	Mitral Stenosis	....Good	....100	....Nil	....Rheumatism	....Normal Face	....40	....L.....L	....L.M.A.
228.....24.....	2.....	28.....	28.....	Mitral Stenosis	....Good	....88	....N/A	....Chorea	....Normal	....40	....L.....L	....Re-admitted at term
272.....22.....	1.....	40.....	40+1.....	Mitral Stenosis	....Good	....92	....N/A	....Rheumatic Fever	....Forces	....40	....L.....L	
311.....22.....	1.....	40+1.....	40.....	Mitral Stenosis	....Good	....72	....3	....Nil	....Normal	....40+1	....L.....L	
332.....26.....	1.....	40.....	.....	Mitral Stenosis	....Good	....80	....1	....Nil	....Normal	....40	....L.....L	....Pedunculated cervical fibroid
390.....24.....	1.....	36.....	.....	Mitral Stenosis	....Poor	....100	....21	....Rheumatic Fever	....Forces	....39	....L.....L	....S/B.....Broncho-pneumonia before delivery
430.....24.....	1.....	40.....	.....	Mitral Stenosis	....Fair	....72	....2	....Rheumatic Fever	....Forces	....40	....L.....L	
494.....35.....	4.....	32.....	.....	Mitral Stenosis	....Poor	....88	....32	....Chorea and Chorea	....Normal	....36	....L.....L	....Subsequently sterilised
544.....33.....	2.....	40.....	.....	Mitral Stenosis	....Good	....92	....12	....Rheumatic Fever	....Normal	....40+1	....L.....L	
610.....30.....	2.....	40.....	.....	Mitral Stenosis	....Good	....86	....1	....Quinsy	....Normal	....40	....L.....L	
641.....24.....	2.....	40.....	.....	Mitral Stenosis	....Fair	....64	....Nil	....Rheumatic Fever	....Normal	....40	....L.....L	
722.....43.....	3+1.....	40.....	.....	Mitral Stenosis	....Fair	....92	....Nil	....Rheumatic Fever	....Normal	....40	....L.....L	
846.....33.....	2.....	38.....	.....	Mitral Stenosis	....Good	....72	....Nil	....Rheumatic Fever	....Normal	....38	....L.....L	
928.....28.....	2.....	38.....	.....	Mitral Stenosis	....Good	....84	....10	....Nil	....Normal	....39	....L.....L	
934.....26.....	2.....	38.....	.....	Mitral Stenosis	....Fair	....108	....N/A	....Nil	....Forces	....40	....L.....L	
983.....34.....	3.....	35.....	.....	Mitral Stenosis:	....Good	....92	....33	....Nil	....Normal	....40	....L.....L	
1035.....28.....	1.....	40.....	.....	Aortic Regurgitation	....Good	....80	....N/A	....Rheumatic Fever	....Forces	....40	....L.....L	
1101.....24.....	1.....	38.....	.....	Mitral Stenosis	....Good	....106	....15	....Rheumatic Fever	....Normal	....40	....L.....L	
1118.....24.....	1.....	40.....	.....	Mitral Stenosis	....Good	....72	....10	....Chorea	....Forces	....40+1	....L.....L	....9lbs. 1oz.
1168.....23.....	1.....	40.....	.....	Patent Ductus Arteriosus	....Good	....84	....2	....Nil	....Forces	....40	....L.....L	
1176.....29.....	1+1.....	38.....	.....	Mitral Stenosis	....Good	....84	....14	....Diphtheria	....Forces	....40	....L.....L	
1179.....22.....	2.....	28.....	.....	Mitral Stenosis:	....Poor	....80	....3	....Diphtheria	....Abd.	....28	....D.....Ab	....Admitted in cardiac failure
1202.....24.....	2+1.....	40.....	.....	Aortic Regurgitation	....Good	....90	....Nil	....Diphtheria	....Normal	....40	....L.....L	
1389.....22.....	1.....	38.....	.....	Mitral Stenosis:	....Good	....90	....22	....Chorea	....Normal	....40+1	....L.....L	
1398.....36.....	2.....	36.....	.....	Aortic Regurgitation	....Poor	....150	....Nil	....Nil	....Normal	....36	....D.....L	....Acute myocarditis
1422.....26.....	1.....	38.....	.....	Mitral Stenosis	....Good	....104	....19	....Chorea	....Normal	....40+1	....L.....L	
1429.....26.....	2.....	39.....	.....	Mitral Stenosis:	....Good	....80	....7	....Scarlet Fever	....Forces	....40	....L.....L	
1440.....21.....	1.....	39.....	.....	Aortic Regurgitation	....Good	....96	....Nil	....Diphtheria	....Normal	....39	....L.....L	
1481.....25.....	2.....	40.....	40+1.....	Mitral Stenosis	....Fair	....86	....Nil	....Rheumatic Fever	....Normal	....40	....L.....L	
1521.....25.....	1.....	40+1.....	38.....	Mitral Stenosis	....Good	....92	....80	....Rheumatic Fever	....Normal	....40+1	....L.....L	
1540.....28.....	2+1.....	38.....	.....	Mitral Stenosis	....Good	....80	....N/A	....Rheumatic Fever	....Un- delivered	....N/A	....L.....L	....Referred to own doctor
1562.....32.....	4.....	37.....	.....	Mitral Stenosis	....Fair	....76	....21	....Rheumatic Fever	....Normal	....40	....L.....L	

## HEART DISEASE (Continued).

### BOOKED CASES

Reg. No.	Age	Gravida	Maturity	Lesion	Condition on Admission	Pulse Rate on Admission	Days till Delivery	Previous History	Type of Delivery	Maturity at Delivery	Result M	Result C	Remarks
1583.....23.....1.....2.....	....	....	40+1	.....Mitral Stenosis	....Good	....80	....Nil	.....Rheumatic Fever	....Forceps	....40+1	....L	....L	.....Ante-partum anaemia: Blood transfusion
1634.....21.....2.....1.....	....	....	37	.....Mitral Stenosis	....Good	....78	....21	.....Diphtheria	....Normal	....40	....L	....L	
1735.....24.....2.....1.....	....	....	35	.....Mitral Stenosis	....Fair	....130	....35	.....Nil	....Normal	....40	....L	....L	
1781.....32.....1.....1.....	....	....	38	.....Mitral Stenosis	....Good	....88	....14	.....Chorea	....Forces	....40	....L	....L	
1820.....22.....1.....1.....	....	....	34	.....Mitral Stenosis	....Good	....96	....N/A	.....Rheumatic Fever	....N/A	....N/A	....N/A	....N/A	.....Referred to own doctor
1890.....24.....2.....1.....	....	....	40	.....Mitral Stenosis	....Fair	....104	....7	.....Measles	....Normal	....40+1	....L	....L	
1920.....22.....1.....1.....	....	....	12	.....Mitral Stenosis	....Poor	....96	....8	.....Rheumatic Fever	....Abd.	....13	....L	....N/A	.....Sterilisation
1935.....23.....2.....2.....	....	....	34	.....Mitral Stenosis	....Good	....88	....N/A	.....Rheumatic Fever and Chorea	....N/A	....N/A	....N/A	....N/A	.....Referred to own doctor
2091.....38.....3.....3.....	....	....	39	.....Mitral Stenosis	....Fair	....94	....7	.....Rheumatic Fever	....Normal	....40	....L	....L	
2256.....28.....1.....1.....	....	....	38	.....Mitral Stenosis	....Fair	....82	....14	.....Rheumatic Fever	....Forceps	....40	....D	....L	.....Congestive cardiac failure at 36 weeks
2350.....29.....2.....2.....	....	....	39	.....Atrial septal defect	....Good	....76	....9	.....Rheumatic Fever	....Normal	....40	....L	....L	
2354.....32.....2.....1.....	....	....	40	.....Mitral Stenosis	....Good	....76	....N/A	.....Scarlet Fever	....Normal	....40	....L	....L	
2362.....25.....1.....1.....	....	....	16	.....Mitral Stenosis	....Fair	....96	....21	.....Diphtheria	....N/A	....N/A	....L	....L	
2493.....22.....1.....1.....	....	....	38	.....Mitral Stenosis	....Good	....102	....X 5	.....Rheumatic Fever	....Normal	....40+1	....L	....L	
2494.....40.....9.....9.....	....	....	38	.....Mitral Stenosis	....Good	....80	....12	.....Heart disease non aet 10	....Normal	....40	....L	....L	
2534.....25.....2.....2.....	....	....	40	.....Mitral Stenosis:	....Good	....84	....N/A	.....Nil relevant	....Normal	....40	....L	....L	
2560.....29.....3.....3.....	....	....	34	.....Aortic Regurgitation	....Good	....80	....N/A	.....Rheumatism	....N/A	....N/A	....L	....N/A	

24

There were 3 Maternal Deaths. Maternal Mortality 6.1%. Out of 42 Babies born 1 died. Foetal Mortality 2.4%.

## HEART DISEASE (Continued).

### EMERGENCY CASES

Reg. No.	Age	Gravida	Maturity	Lesion	Condition on Admission	Pulse Rate on Admission	Days till Delivery	Previous History	Type of Delivery	Maturity at Delivery	Result M	C	Remarks
140.....19....	1 ....	1 ....	36 .....	Mitral Stenosis:.....Aortic Regurgitation	Poor	100 ....	28	Chorea at 5 years.....C.S.	Classical	Term	L ....	L ....	Sterilisation
302.....25....	2 ....	10 .....	10 .....	Mitral Stenosis:.....Aortic Regurgitation	Good	90 ....	Nil	Rheumatic Fever.....7 times	Evacuation	10	L ....	Ab ....	Corigan pulse:.....B.P. 185/50
388.....22....	1 ....	24 .....	24 .....	Mitral Stenosis:.....Mitral Stenosis	Fair	78 ....	—	Chorea.....Nil .....	Forces	Term	L ....	L ....	Re-admitted at term
516.....24....	2 ....	9 .....	9 .....	Mitral Stenosis:.....Mitral Stenosis	Good	60 ....	N/A	.....Nil .....	.....Un-	.....N/A	N/A ....	To own doctor	
687.....32....	1 ....	37 .....	37 .....	Mitral Stenosis:.....Mitral and Aortic Stenosis	Good	7.2 ....	22	Rheumatic Fever.....Chorea.....Nil .....	Normal	40	L ....	L ....	
761.....36....	5 ....	39 .....	39 .....	.....Congenital Heart Disease	Good	64 ....	6	.....Nil .....	Normal	40	L ....	L ....	
1391.....27....	1 ....	36 .....	36 .....	Mitral Stenosis:.....Mitral Stenosis	Good	64 ....	33	.....Nil .....	Forces	40	L ....	L ....	
1456.....26....	2 ....	39 .....	39 .....	.....Mitral Stenosis	Good	84 ....	2	.....Rheumatism	Normal	39	L ....	L ....	
2068.....42....	5 ....	40 .....	40 .....	Mitral Stenosis:.....Mitral Stenosis	Poor	88 ....	5	.....Rheumatic Fever	Normal	40	L ....	Mc .....	Severe pre-eclampsia
2168.....32....	3 ....	20 .....	20 .....	Mitral Stenosis:.....Auricular Fibrillation	Fair	86 ....	7	Chorea (3).....Nil .....	Abd.	21	L ....	Ab ....	Hypertensive heart failure
2229.....29....	5 ....	40 .....	40 .....	Mitral Stenosis:.....Mitral Stenosis	Good	96 ....	Nil	Rheumatism	Normal	40	L ....	L ....	Sterilisation
2242.....40....	4 ....	36 .....	36 .....	Mitral Stenosis:.....Thyrotoxic Left Ventricular Failure	Fair	76 ....	Nil	Nil .....	Normal	36	L ....	N/A ....	Admitted for observation at 32 weeks
2397.....40....	11 ....	22 .....	22 .....	.....Mitral Stenosis:.....Mitral Stenosis	Fair	112 ....	N/A	Thyrotoxicosis.....3½ years	.....N/A	.....N/A	N/A ....	N/A ....	Transferred to Medical Ward
2526.....27....	5+1 .....	32 .....	32 .....	Aortic Regurgitation	Fair	128 ....	7	Nil .....	Normal	33	L ....	L ....	Toxæmia
2542.....33....	3 .....	32 .....	32 .....	Mitral Stenosis:.....Mitral Stenosis	Good	92 ....	N/A	Rheumatic Fever.....Un-	.....N/A	.....N/A	N/A ....	N/A ....	
2613.....26....	1+1 .....	37 .....	12 .....	Mitral Stenosis and.....Auricular Fibrillation	Fair	112 ....	20	Chorea.....Nil .....	Forces	40	L ....	L ....	Pulmonary tuberculosis
2637.....24....	1 ....	12 .....	.....Mitral Stenosis and.....Auricular Fibrillation	Poor	130 ....	N/A	.....Nil .....	.....Un-	.....N/A	.....N/A	D ....	N/A ....	

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There was 1 Maternal Death. Out of 13 Babies delivered (including non-viable foetuses) 3 were stillborn.

Maternal Mortality 5.9%.

Overall Maternal Mortality 6.06%.

Fœtal Mortality 23.1%.

Overall Fœtal Mortality 7.3%.

## ACCIDENTAL HÆMORRHAGE

There were 61 Patients with Accidental Antepartum Hæmorrhage. Of these 11 were Booked cases and 50 were Emergency Admissions.

BOOKED CASES Reg. No.	Age Grav- ida	Matu- rity	Condition on ad- mission	Cause	Blood Pressure	Pulse Rate	Urine Albumin	Size of Os	Type	Treatment	Delivery	Complications	Result M C	Remarks	
66.....26....	1.....	36.....	Good	Unknown	125/ 75	120	V.F.T.	.....	Closed	Revealed	Expectant	Normal	Nil	.....	L.....L.....
352.....24....	1.....	40.....	Good	Toxæmia	160/110.....	88	+++	.....	1F	Mixed	A.R.M:S.W	Normal	Nil	.....	L.....S/B.....Large retro-placental clot
697.....34....	2.....	35.....	Good	Unknown	—	/.....	72	Nil	.....	Not recorded	Expectant	Normal	Nil	.....	L.....L.....
729.....37....	4.....	40.....	Fair	Toxæmia	130/ 90	80	Not recorded	.....	Not recorded	Mixed	Expectant	Normal	Nil	.....	L.....S/B.....Gross infarction of placenta
963.....23....	1.....	37.....	Good	Toxæmia	150/ 85	90	Nil	.....	2F	Mixed	Expectant	Assisted	Nil	.....	L.....S/B.....
1117.....24....	1.....	36.....	Good	Unknown	110/ 80	80	Nil	.....	2F	Revealed	Expectant	N/A	Nil	.....	L.....N/A.....Referred to own doctor
1426.....36....	6.....	30.....	Good	Unknown	120/ 70	102	Nil	.....	2F	Revealed	Expectant	Normal	Nil	.....	L.....D.....Prematurity. 2lbs. 2 $\frac{1}{2}$ ozs.
1524.....43.....3+1	36.....	36.....	Good	Unknown	120/ 80	88	Nil	.....	Not examined	Revealed	Expectant	Normal	Nil	.....	L.....L.....
1538.....27....	2.....	37.....	Good	External	116/ 80	86	Nil	.....	Not examined	Revealed	Expectant	Normal	Nil	.....	L.....L.....Version under G.A.
1866.....37....	5.....	36.....	Good	Version	130/ 70	80	Not recorded	.....	2F	Concealed	Expectant	Breech	Nil	.....	L.....S/B.....Previous Cæsarean section
2408.....29....	2.....	30.....	Good	Unknown	130/ 80	80	Nil	.....	1F	Revealed	Expectant	Normal	Nil	.....	L.....D.....Prematurity. 2lbs. 6ozs.

There were no Maternal deaths. Of 10 infants born in hospital, 4 died or were still-born. Foetal Mortality, 40%

# ACCIDENTAL HAEMORRHAGE (continued)

## EMERGENCY CASES

Reg. No.	Age	Gravida	Matu- rity	Condition on ad- mission	Cause	Blood Pressure	Pulse Rate	Urine Albumin	Size of Os	Type	Treatment	Delivery	Complications	Result M C	Remarks		
60	24	2	....	40+1	Good	....	Unknown	....	80	....	Nil	....	Revealed	Expectant	Normal	.....	
64	26	2	....	40	Good	....	Unknown	....	130/ 90	....	60	....	Mixed	A.R.M.	Normal	.....	
168	32	3	....	35	Good	....	Unknown	....	130/ 70	....	78	....	Revealed	Expectant	Un- delivered	.....	
283	26	1	....	33	Good	....	Unknown	....	130/ 70	....	72	....	Closed	Revealed	Expectant	.....	
334	33	2	....	40	Good	....	Toxæmia	....	154/ 96	....	88	....	3F	Mixed	A.R.M:S.W	.....	
354	30	4	....	40+3	Good	....	Unknown	....	70	....	Nil	....	3F	Revealed	A.R.M:S.W	.....	
370	32	2	....	36	Good	....	Unknown	....	120/ 80	....	70	....	Closed	Revealed	Expectant	.....	
412	27	1	....	34	Good	....	Unknown	....	130/ 90	....	120	....	Nil	Not recorded	Expectant	.....	
554	39	4	....	40	Good	....	Toxæmia	....	130/ 90	....	76	....	1F	Mixed	A.R.M:S.W	.....	
673	35	5+2	....	34	Good	....	Toxæmia	....	110/ 70	....	82	....	2F	Mixed	Expectant	.....	
678	30	1	....	34	Good	....	Unknown	....	120/ 75	....	72	....	Closed	Revealed	Expectant	.....	
745	26	1	....	37	Poor	....	Toxæmia	....	150/ 110	....	106	....	1F	Mixed	Expectant	.....	
760	24	3	....	32	Good	....	Unknown	....	102/ 65	....	66	....	Not recorded	Revealed	Expectant	.....	
815	23	1	....	31	Fair	....	Hyper- tension	....	168/ 110	....	128	....	Nil	2F	Mixed	A.R.M:S.W	.....
826	19	1	....	36	Fair	....	Toxæmia	....	150/ 110	....	100	....	Not recorded	Revealed	A.P.H.	.....	
974	29	1+1	....	32	Good	....	Unknown	....	125/ 80	....	94	....	2F	Mixed	A.R.M:S.W	.....	
1029	34	5	....	34	Fair	....	Toxæmia	....	132/ 90	....	124	....	Not recorded	Revealed	Expectant	.....	
1045	27	2	....	38	Fair	....	Toxæmia	....	150/ 110	....	100	....	3F	Mixed	A.R.M.	.....	
1107	40	5	....	36	Good	....	Unknown	....	120/ ?	....	80	....	1F	Revealed	Expectant	N/A	
1119	40	7+1	....	40	Poor	....	Not recorded	....	90/ Not recorded	....	Not recorded	....	4F	Mixed	A.R.M.	N/A	
1120	34	3	....	33	Poor	....	Toxæmia	....	110/ 80	....	58	....	Not recorded	Concealed	A.R.M.	.....	
1150	35	1	....	39	Good	....	Toæxia	....	165/ 100	....	80	....	2F	Mixed	A.R.M.	.....	
1195	20	1	....	40	Fair	....	Toxæmia	....	165/ 110	....	88	....	150/ 110	....	Nil	Forceps	
1208	34	7	....	36	Fair	....	Toxæmia	....	150/ 110	....	86	....	Closed	Revealed	Expectant	.....	
1214	27	3	....	38	Good	....	Toxæmia	....	150/ 70	....	76	....	Not recorded	Revealed	Expectant	Normal	
1248	28	4	....	35	Fair	....	Unknown	....	95/ 60	....	88	....	Not recorded	Revealed	Expectant	Nil	
1304	43	2+1	....	36	Fair	....	Unknown	....	130/ 85	....	104	....	1F	Revealed	Expectant	Un- delivered	
1319	35	6	....	32	Good	....	Unknown	....	—	....	92	....	Not recorded	Revealed	Expectant	Normal	
1329	26	3+2	....	36	Good	....	Unknown	....	110/ 70	....	80	....	1F	Revealed	A.R.M.	.....	

## ACCIDENTAL HÆMORRHAGE (continued)

EMERGENCY CASES Reg. No.	Age Grav- ida	Matu- rity	Condition on ad- mission	Cause	Blood Pressure	Pulse Rate	Urine Albumin	Size of Os	Type	Treatment	Delivery	Complications	Result M C	Remarks
1334.....42.....4+1.....	37	Poor	Toxaemia	184/140.....	84	++	.....	Not recorded	Mixed	N/A	Normal	Nil	.....	L.....S/B.....Delivered on admission. F.H.N.H.
1359.....42.....7.....	34	Good	Cervical Polyp.	125/ 80.....	80	Nil	.....	1F	Revealed	A.R.M.	Normal	Nil	.....	L.....L.....
1363.....26.....5.....	33	Good	Toxaemia	130/ 90.....	90	Trace	.....	Not recorded	Revealed	Expectant	Normal	Nil	.....	L.....L.....Toxaemia in 3 previous pregnancies
1381.....28.....4.....	30	Good	Toxaemia	165/115.....	80	++	.....	Not recorded	Mixed	A.R.M.	Normal	Nil	.....	L.....S/B.....
1382.....36.....2+4.....	34	Fair	Toxaemia	140/ 90.....	84	++	.....	2F	Concealed	A.R.M.	Normal	Nil	.....	L.....S/B.....
1394.....25.....1.....	36	Good	Toxaemia	150/ 90.....	70	Nil	.....	3F	Mixed	Nil	Normal	Nil	.....	L.....L.....
1459.....39.....4.....	38	Good	Toxaemia	185/ 90.....	72	++	.....	Not recorded	Mixed	A.R.M.	Normal	Nil	.....	L.....L.....Unhealthy Placenta
1638.....28.....3.....	30	Good	Unknown	130/ 80.....	80	Nil	.....	1F	Revealed	Expectant	Brech	Nil	.....	L.....N/A.....Referred to own doctor
1775.....30.....2.....	40	Good	Unknown	110/ 60.....	80	Nil	.....	.....	.....	Un-delivered	Normal	Nil	.....	L.....L.....
1794.....36.....6.....	39	Good	Unknown	110/ 70.....	88	Nil	.....	.....	.....	Normal	Nil	.....	L.....D.....Baby had tracheo-oesophageal fistula	
1957.....26.....1+2.....	40	Fair	Unknown	100/ 65.....	80	Nil	.....	2F	Revealed	A.R.M:S.V	Normal	Nil	.....	L.....D.....
2049.....39.....4+1.....	36	Good	Unknown	120/ 80.....	88	Nil	.....	Not recorded	Revealed	Expectant	Normal	Nil	.....	L.....L.....Sinus bradycardia
2067.....22.....2.....	32	Good	Unknown	110/ 60.....	88	Nil	.....	Not recorded	Revealed	Expectant	Normal	Nil	.....	L.....D.....Spontaneous premature labour
2248.....40.....3.....	40	Good	Toxaemia	160/100.....	76	++	.....	3F	Revealed	A.R.M:D.S	Forceps	Nil	.....	L.....L.....
2289.....26.....2.....	34	Good	Unknown	120/ 70.....	80	Nil	.....	Not recorded	Revealed	Expectant	Un-delivered	Nil	.....	L.....N/A.....Referred to own doctor
2351.....20.....1.....	30	Fair	Toxaemia	160/100.....	76	++	.....	Closed	Mixed	Expectant	Brech	Nil	.....	L.....Mc.....
2352.....30.....3.....	36	Good	Unknown	110/ 70.....	72	Nil	.....	Not recorded	Revealed	Expectant	Un-delivered	Nil	.....	L.....N/A.....
2427.....34.....4.....	36	Good	Unknown	— / .....	88	Nil	.....	Not examined	Revealed	Expectant	Un-delivered	Nil	.....	L.....N/A.....
2454.....34.....4.....	30	Good	Unknown	140/ 90.....	80	Nil	.....	2F	Mixed	A.R.M:S.V	Brech	Nil	.....	L.....S/B.....
2469.....27.....2+1.....	35	Good	Toxaemia	144/ 90.....	132	Trace	.....	2F	Mixed	A.R.M	Brech	Nil	.....	L.....S/B.....
2538.....27.....2.....	?.....	Good	Unknown	116/ 60.....	92	Nil	.....	Closed	Mixed	Medical	Brech	Nil	.....	L.....L.....

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There was 1 Maternal death. Maternal mortality, 2%. Of 38 infants, 22 died or were still-born. Foetal mortality, 57.9%.

Overall Maternal mortality, 1.6%

Overall Foetal mortality, 54.2%.

## PLACENTA PRÆVIA.

559 Patients with Placenta Praevia were admitted to hospital. 10 of these were Booked cases and 49 Emergency cases.

BOOKED CASES		Reg.	Age	Gravida	Matu- ri- ty	Condition on Ad- mission	B.P.	Hæmorrhage	Pulse	Initial Treatment	Type	Vaginal Examina- tions	Delivery	P.P.H.	Result M	C	Remarks	
No.																		
476	40	1	....	39	....	Good	....	130/80	....	Slight	....	116	....	0+1	....	Normal	....	Hæmorrhage at 28 weeks : re-admitted at term
979	30	2	....	38	....	Good	....	150/94	....	Slight	....	90	....	0+0	....	Medical	....	Rh. Neg. : placenta prævia in first pregnancy
1158	35	3	....	40	....	Good	....	130/85	....	Slight	....	92	....	0+1	....	Ext. version : A.R.M.	....	Normal
1206	26	4	....	40	....	Fair	....	80/40	....	Moderate	....	122	....	0+1	....	A.R.M.	....	Normal
1455	32	2	....	40	....	Good	....	—	....	Slight	....	72	....	0+1	....	A.R.M.	....	Normal
1551	33	1	....	40	....	Fair	....	100/50	....	Slight	....	104	....	0+1	....	Medical	....	Normal
1861	45	7	....	40	....	Good	....	140/70	....	Slight	....	104	....	0+1	....	Expectant	....	L.S.C.S.
1989	34	2	....	40	....	Good	....	110/60	....	Slight	....	104	....	0+1	....	(Post)	E.U.A	L.S.C.S.
2162	21	1	....	40	....	Good	....	—	....	Moderate	....	80	....	0+1	....	(Post)	E.U.A	L.S.C.S.
2431	20	1	....	30	....	Fair	....	120/76	....	Slight	....	112	....	0+0	....	Medical	....	Normal

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There were no Maternal Deaths.  
One infant died and one was still born. Foetal Mortality 20%.

There were no Maternal Deaths.

EMERGENCY CASES

## PLACENTA PREVIA (Continued).

EMERGENCY CASES		Reg. No.	Age	Gravida	Maturity	Condition on Admission	B.P.	Hæmorrhage	Pulse	Vaginal Examinations	Type	Initial Treatment	Delivery	P.P.H.	M.C.	Remarks
980	39	1	40	Good	175/100	Slight	108	0+0	3	L.S.C.S.	Nil	L	Nil	L	Toxæmia	
1047	31	2+1	34	Good	120/78	Moderate	100	0+1	3	A.R.M.	Normal	L	Free	L	S/B	
1052	36	5	40	Fair	122/80	Moderate	64	1+1	2	A.R.M.	Normal	L	Nil	L	S/B	
1100	22	1	40	Good	118/72	Moderate	94	1+0	1	Expectant	Normal	L	Nil	L	S/B	
1126	39	4	40	Good	120	Slight	102	1+0	2	Expectant	Normal	L	Nil	L	S/B	
1210	27	1	40	Good	60/45	Severe	82	0+1	2	A.R.M.	Normal	L	Nil	L	F.H.N.H. on admission	
1221	40	2	40	Poor	156	1+1	3	Willett's forceps	Normal	Yes	Normal	L	Yes	L	S/B	
1276	36	5	35	Fair	110/60	Severe	108	1+0	3	Expectant	Classical C.S.	L	D	L	Intra partum haemorrhage : transfusion	
1281	39	6	40	Good	125/85	Moderate	80	0+1	2	Expectant & A.R.M.	Normal	L	Nil	L	S/B	
1371	24	2	40	Good	120/80	Slight	112	1+1	3	Classical C.S.	Normal	L	Nil	L	S/B	
1392	26	3	34	Good	130/85	Slight	80	1+1	1	Expectant	Normal	L	Nil	L	S/B	
1468	29	1	38	Fair	115/80	Moderate	58	0+0	1	A.R.M.	Normal	L	Nil	L	D	
1534	29	2	32	Good	110/70	Slight	60	2+0	1	Expectant	Normal	L	Nil	L	3lbs. 4ozs.	
1689	24	1	40	Good	100/45	Moderate	108	0+1	2	L.S.C.S.	Cervical fibroid	N	N	N	C.S.	
1692	39	5+19	38	Fair	130/90	Slight	108	0+0	3	C.S.	Normal	N	N	N	N	
1788	26	5	40	Good	140/80	Moderate	100	1+1	2	Sedative	Normal	N	N	N	N	
1813	40	3	36	Good	118/80	Slight	68	0+0	1	Nil	Normal	N	N	N	N	
1960	31	2	38	Good	118/80	Slight	88	0+1	4	Expectant	L.S.C.S.	N	N	N	N	
1983	27	3	40	Poor	68	? Moderate	80	1+1	4	Transfusion	Classical C.S.	N	N	N	N	
2096	24	1	37	Good	120/80	Slight	60	0+0	1	A.R.M.	Normal	N	N	N	N	
2144	25	2	40	Good	130/90	Slight	104	1+0	1	Expectant	Normal	N	N	N	N	
2228	27	4	33	Fair	94/60	Moderate	96	0+0	3	E.U.A. : A.R.M.	Classical C.S.	N	N	N	N	
2284	19	1	32	Good	120/70	Moderate	100	0+1	2	(Post) E.U.A. : A.R.M. : D.S.	L.S.C.S.	N	N	N	N	
2332	24	1	32	Good	164/96	Nil	76	0+2	3	Bipolar version : Normal Breech	Breech extraction	N	N	N	N	
2376	19	1	34	Good	114/66	Slight	80	0+0	2	Expectant	Normal	N	N	N	N	
2445	37	2+1	32	Good	Not recorded	Slight	70	2+1	1	Internal version	Normal Breech	N	N	N	N	
2449	22	1	39	Fair	98/68	Slight	104	0+1	2	L.S.C.S.	Nil	L	Nil	L	S/B	
2491	36	4	40+1	Good	130/80	Slight	90	3+1	2	A.R.M. : S.W.	Normal	L	Nil	L	S/B	
2525	24	1	40	Good	140/80	Slight	96	0+0	1	Medical	Normal	L	Free	L	S/B	
2568	37	2	36	Good	110/70	Slight	60	0+1	3	Expectant & L.S.C.S.	L.S.C.S.	N	N	N	N	
2582	20	1	38	Good	136/94	Slight	104	0+1	2	Forceps	Nil	L	Nil	L	S/B	
2607	25	2	38	Good	130/80	Slight	110	0+1	2	In labour	Normal Breech	N	Prolapsed	L	S/B	

There was 1 Maternal Death. Maternal Mortality 2%.

15 infants died or were still born. Foetal Mortality 30.4%.

Overall Maternal Mortality 1.7%.

Overall Foetal Mortality 28.8%.

## **POST-PARTUM HEMORRHAGE.**

There were 54 Patients who had Post-Partum Haemorrhage. Of these 24 were Booked Cases and 30 Emergency Cases.

BOOKED CASES										Anæsthetic	Condition	B.P.	Type	Treatment	Result M C	Remarks
Reg.- No.	Age	Grav- ida	Mat- urity	Delivery												
368.....	32.....	1.....	40.....	Normal.....						Nil.....	Good.....	160/110.....	Primary	Manual removal of placenta.....	L.....L	Hb. 70%
466.....	25.....	1.....	40.....	Twin Forceps						C.A. ....	Poor.....	—	Primary	Manual removal of placenta.....	L.....L	....
539.....	29.....	2+1.....	40.....	Internal version: Breech extraction						C.A. ....	Fair.....	—	Primary	Manual removal of placenta.....	L.....L	....
544.....	33.....	2.....	40+1	Normal twin						Nil.....	Good.....	—	Secondary	Retained Cotyledon of placenta.....	L.....L	....
545.....	33.....	5.....	36.....	Normal twin						Nil.....	Poor.....	—	Primary	Blood transfusion 3 pints	L.....L	....
782.....	30.....	1.....	40.....	Normal						Nil.....	Fair.....	—	Secondary	Manual removal of placenta.....	L.....L	....
979.....	32.....	2.....	38.....	Normal						Nil.....	Good.....	—	Evacuation of uterus	Evacuation of retained products	L.....L	....
1038.....	30.....	1.....	40.....	Forceps						C.A. ....	Good.....	145/100.....	Primary	Ergometrine	L.....L	Rh. Neg. : Placenta prævia
1219.....	36.....	1.....	40.....	Normal						Nil.....	Fair.....	—	Manual removal of placenta.....	Blood transfusion	L.....L	....
1254.....	33.....	8.....	40+1	Normal						Nil.....	Fair.....	—	Manual removal of placenta.....	Medical	L.....L	....
1311.....	21.....	1.....	40.....	Normal						Nil.....	Good.....	—	Manual removal of placenta.....	Medical	L.....L	....
1367.....	35.....	4.....	40.....	L.S.C.S.						C.A. ....	Poor.....	—	Transfusion	Transfusion	L.....L	....
1491.....	24.....	2.....	40.....	Normal						Nil.....	Fair.....	100/80.....	Primary	Manual removal of placenta.....	L.....L	....
1694.....	31.....	1.....	40.....	Normal						Nil.....	Good.....	—	Primary	Manual removal of placenta.....	L.....L	....
1718.....	31.....	1.....	36.....	Normal						Nil.....	Good.....	—	Primary	Manual removal of placenta.....	L.....L	....
1733.....	28.....	2.....	40+1	Normal						Nil.....	Good.....	—	Primary	Manual removal of placenta.....	L.....L	....
1768.....	24.....	2.....	40.....	Normal						Nil.....	Not recorded	—	Secondary	Medical	L.....L	....
1808.....	32.....	2.....	40+2	Normal						Nil.....	Poor.....	—	Primary	Blood transfusion	L.....L	....
1818.....	22.....	1.....	40.....	Normal						Nil.....	Poor.....	—	Primary	Blood transfusion	L.....L	....
2002.....	21.....	1.....	39.....	Normal						Nil.....	Poor.....	60/?	Primary	Blood transfusion	L.....L	....
2014.....	37.....	3+1	40+1	Normal						Nil.....	Good.....	—	Primary	Medical	L.....L	....
2240.....	31.....	3.....	40.....	Normal						Nil.....	Good.....	—	Primary	Medical	L.....L	....
2277.....	32.....	2.....	38.....	Normal						Nil.....	Fair.....	?80/?	Primary	Blood transfusion	L.....L	....
2431.....	20.....	1.....	30.....	Normal						Nil.....	Fair.....	80/?	Primary	Blood transfusion and	L.....L	....
														Manual removal of placenta	D.....D	....

## POST-PARTUM HAEMORRHAGE (Continued).

EMERGENCY CASES							Treatment	Result M	C	Remarks
Reg. No.	Age	Cra- vida	Mat- urity	Delivery	Anæsthetic	Condition	B.P.	Type		
58.....24.....	1.....	40.....	Normal	.....	Good	.....	90/—	Primary	L.....	Placenta separated normally
109.....27.....	2.....	2.....	N/A	2.....	Fair	.....	100/—	Primary	L.....	Manual removal of placenta.
183.....23.....	2.....	2.....	Normal	39.....	Fair	.....	60.....	Primary	S/B.....	Baby S/B outside
281.....23.....	2.....	2.....	Normal	.....	Poor	.....	50.....	Primary	L.....	Manual removal of placenta.
388.....22.....	1.....	40.....	Forceps	.....	Poor	.....	—	Secondary	L.....	Manual removal of placenta.
586.....27.....	1.....	38.....	Forceps	.....	Poor	.....	—	Primary	L.....	Transfusion
790.....23.....	1.....	40.....	Normal	.....	Fair	.....	95/—	Primary	L.....	Pneumonia
815.....23.....	1.....	40.....	A.P.H.: Normal	31.....	Poor	.....	60.....	Primary	L.....	Lobar Transfusion
826.....19.....	1.....	31.....	A.P.H.: Normal	36.....	Fair	.....	160/—	Primary	L.....	Manual removal of placenta.
833.....38.....	1.....	36.....	Normal	2.....	Fair	.....	110/—	Primary	S/B.....	Transfusion
889.....28.....	3.....	40.....	Normal	.....	Fair	.....	70/—	Primary	?	Admitted after delivery
1015.....47.....	6.....	36.....	Normal	.....	Poor	.....	50/—	Secondary	?	Blood transfusion
1020.....23.....	1.....	?	Normal	.....	Poor	.....	100/—	Primary	?	Blood transfusion
1044.....33.....	2.....	40.....	Normal	.....	Fair	.....	50/—	Primary	?	Blood transfusion and Plasma
1221.....40.....	2.....	40.....	Normal and Ether	.....	Poor	.....	60/—	Secondary	?	Evacuation of uterus
1264.....29.....	2.....	?	Normal	.....	Willetts Forceps	.....	45.....	Primary	?	Transfusion
1316.....32.....	1.....	40.....	Normal Breech	.....	Poor	.....	120/—	Primary	?	Evacuation of uterus
1428.....22.....	3.....	2.....	Normal	38.....	Twin Foreops	.....	50/—	Primary	?	Placenta: Transfusion
1580.....24.....	1.....	38.....	Twin: Breech	39.....	Nil	.....	—	Primary	?	Manual removal of placenta.
1891.....32.....	2.....	40.....	Normal	.....	Good	.....	—	Primary	?	Placenta: Transfusion
1905.....20.....	1.....	40.....	Normal Breech	.....	Good	.....	—	Primary	?	Manual removal of placenta.
1977.....30.....	2.....	40.....	Normal	.....	Poor	.....	80/—	Secondary	?	Manual removal of placenta.
2135.....34.....	1.....	39.....	Twin: Breech	.....	Poor	.....	Not recordable	Primary	?	Manual removal of placenta.
2188.....23.....	1.....	40.....	Normal	.....	Good	.....	—	Primary	?	Manual removal of placenta.
2272.....22.....	2.....	?	Normal	.....	Poor	.....	70/—	Primary	?	Manual removal of placenta.
2323.....25.....	3.....	36.....	Normal	.....	Poor	.....	—	Primary	?	Blood transfusion
2335.....27.....	1.....	40+2.....	Forceps	.....	Fair	.....	60/—	Primary	?	Evacuation
2479.....29.....	2.....	?	Normal	.....	Good	.....	150/—	Secondary	?	Blood transfusion
2525.....24.....	1.....	40.....	Normal	.....	Good	.....	100/—	Primary	?	Blood transfusion
2538.....27.....	2.....	?	Normal	.....	Good	.....	Hb. 45%	Secondary	?	Blood transfusion
										Evacuation

There was 1 Maternal death. Out of 29 babies born, 7 were still-born.

Maternal mortality 3.3%.

Fœtal mortality 24.1%.

Overall Maternal mortality 1.8%. Overall Fœtal mortality, 14.8%.

## RETAINED PLACENTA.

There were 58 Patients in whom the Placenta was retained. Of these 25 were Booked Cases and 33 Emergency Admissions.

### BOOKED CASES

Reg. No.	Age	Gravida	Matu- rity	Labour	Third Stage		Treatment	Morbid Result	Remarks
					Prolonged	Hæmorrhage			
73	23	1	40	Normal	.....	.....	Manual removal	No	.....
360	34	2	38	Normal	.....	.....	Manual removal	No	.....
368	32	1	40	Normal	.....	.....	Manual removal	No	.....
466	25	1	40	Twin forceps	.....	Hæmorrhage	.....	No	Blood transfusion
539	29	2+1	40	Internal version : breech extraction	.....	Hæmorrhage	.....	No	.....
544	33	2	40+1	Normal	.....	.....	Manual removal	No	.....
545	33	5	36	Normal : twin	.....	.....	Evacuation of uterus	No	.....
600	26	2	40	Normal	.....	.....	2nd P.P.H. : retained cotyledon	No	.....
656	38	1	37	Eclampsia : forceps	.....	.....	Manual removal	Yes	.....
1038	30	1	40	Forceps	.....	.....	Manual removal	No	.....
1072	24	1	40	Internal version : breech extraction	.....	Hæmorrhage	.....	No	.....
1219	36	1	40	Normal	.....	.....	Manual removal	Yes	.....
1254	33	8	40+1	Normal	.....	.....	Manual removal	No	.....
1437	29	1	40+2	Forceps	.....	.....	Manual removal	Yes	.....
1626	21	1+1	38	Normal	.....	.....	Manual removal	No	.....
1694	31	1	40	Normal	.....	.....	Crede Manœuvre	.....	.....
1718	31	1	36	Normal	.....	.....	Manual removal	Yes	.....
1733	28	2	40+1	Normal	.....	.....	Manual removal	No	.....
1745	40	10	40	Forceps	.....	.....	Manual removal	No	.....
1818	22	1	40	Normal	.....	.....	Manual removal	No	.....
2002	21	1	39	Normal	.....	.....	Expression	No	.....
2277	32	2	38	Normal	.....	.....	Manual removal	No	.....
2407	22	1	40	Normal	.....	.....	Manual removal	No	.....
2431	20	1	30	Normal	.....	.....	Manual removal	Yes	.....
2595	27	1	39	Normal	.....	.....	Manual removal	Yes	Mastitis : blood transfusion

There were no Maternal deaths.

## RETAINED PLACENTA (Continued).

### EMERGENCY CASES

Reg. No.	Age	Gravida	Maturity	Labour	Third Stage		Treatment	Morbid Result	Remarks
					Prolonged	Hæmorrhage			
71	21	1	?	Forceps at home	.....	.....	.....	.....	.....
109	27	2	?	Normal	.....	.....	.....	.....	.....
183	23	2	N/A	Normal breech	.....	.....	.....	.....	Morbid
23	39	1+1	34	Not recorded	.....	.....	.....	.....	Baby S/B outside
281	23	1	39	Normal	.....	.....	.....	.....	Blood transfusion
412	27	1	34	Normal	.....	.....	.....	.....	Blood transfusion
586	27	1	38	Forceps	.....	.....	.....	.....	Blood transfusion
790	23	1	40	Normal	.....	.....	.....	.....	Velamentous placenta
888	20	1	38	Twin : breech extraction	.....	.....	.....	.....	.....
1020	23	1	?	Normal	.....	.....	.....	.....	.....
1221	40	2	40	Normal and Willett's forceps	.....	.....	.....	.....	.....
1248	28	4	35	Normal : A.P.H.	.....	.....	.....	.....	.....
1253	26	1	40	Forceps	.....	.....	.....	.....	.....
1264	29	2	?	Normal	.....	.....	.....	.....	.....
1316	32	2	40	Normal breech	.....	.....	.....	.....	.....
1428	22	3	?	Normal	.....	.....	.....	.....	.....
1438	22	1	27	Inevitable abortion	.....	.....	.....	.....	.....
1500	29	1+3	40	Normal	.....	.....	.....	.....	Arcuate uterus
1580	24	1	38	Twin : forceps	.....	.....	.....	.....	.....
1788	26	5	40	Normal	.....	.....	.....	.....	P.æcinta pævia
1840	39	3	38	Normal	.....	.....	.....	.....	.....
1841	36	1	40	Normal	.....	.....	.....	.....	.....
1870	21	1	40	Normal	.....	.....	.....	.....	.....
1891	32	2	40	Normal	.....	.....	.....	.....	.....
1905	20	1	40	Normal breech	.....	.....	.....	.....	.....
1911	27	1+1	40+1	Uterine Inertia : Embryotomy	.....	.....	.....	.....	.....
2030	21	2	?	Normal	.....	.....	.....	.....	.....
2057	33	1	40	Normal	.....	.....	.....	.....	.....
2402	37	1	40	Forceps	.....	.....	.....	.....	.....
2413	32	2	40	Normal	.....	.....	.....	.....	.....
2479	29	2	?	Normal	.....	.....	.....	.....	.....
2524	32	4+1	?	Normal	.....	.....	.....	.....	.....
2578	27	1	40	Normal	.....	.....	.....	.....	Blood transfusion

There were no Maternal deaths.

## BREECH PRESENTATION.

There were 116 cases of Breech Presentation. Of these 59 were Booked Cases and 57 Emergency Cases.

There were no Maternal deaths in the series.

### BOOKED CASES

Reg. No.	Age	Gravida	Maturity	Complications	Delivery	Ib. weight ozs.	Result M	C	Remarks
63	38	9	36	Nil	Normal breech	8	L	L	Toxaemia
69	40	1+1	40	Extended arms	Breath extraction	5	L	L	Prolonged 2nd stage
95	25	1	40	Extended legs	Normal breech	6	L	L	Unsuccessful version
210	31	1	40	Extended arms	Assisted breech	7	L	L	
258	39	1	40	Pelvic fibroid	L.S.C.S.	6	L	L	
266	31	2	40	Extended arms and legs	Assisted breech	7	L	L	
276	23	1	40	Extended legs	Normal breech	6	L	L	
314	25	1	40	Extended legs	Assisted breech	8	L	L	
326	27	5	40	Nil	Normal breech	7	L	L	
341	27	1	40	Extended arms	Assisted breech	7	L	L	
439	27	2	40	Nil	Normal breech	7	L	L	
514	25	1	40	Nil	Assisted breech	5	D	D	
576	20	1	40+1	Extended legs	Assisted breech	9	L	L	
613	26	1	40	Prolapsed cord	Assisted breech	7	L	L	
793	19	1	38	Extended arms and legs	Assisted breech	5	L	L	
851	26	2	40	Extended arms	Assisted breech	8	L	L	
857	22	1	39	Extended legs	Assisted breech	14½	L	L	
861	23	1	40	Extended arms	Assisted breech	6	L	L	
926	30	2	40	Nil	Normal breech	5	L	L	
956	23	1	38	Extended legs	Assisted breech	13	L	L	
963	23	1	37	Toxic accidental haemorrhage	Assisted breech	4	S/B	S/B	
1002	22	1	38	Nil	Assisted breech	5	L	L	
1042	27	1	36	Spontaneous premature labour	Normal breech	6	S/B	S/B	F.H.N.H. on admission
1130	36	1	40	Nil	Assisted breech	5	L	L	
1171	22	1	40	Extended legs	Assisted breech	6	L	L	
1209	24	1	40	Delay with A.C.H.	Assisted breech	7	L	L	
1224	23	1	40	Extended legs : extended arm	Assisted breech	7	L	L	
1241	23	1	38	Extended arms and legs	Assisted breech	5	L	L	
1335	24	2	36	Extended legs	Normal breech	5	L	L	
1347	24	1	36	Nil	Normal breech	5	L	L	
1367	35	2	40	Bad obstetric history: previous C.S.	L.S.C.S.	6	L	L	
1473	28	2	40	Delayed second stage	Assisted breech	8	L	L	
1558	36	3	40+1	Extended legs	Assisted breech	7	L	L	
1560	39	9+2	40+1	Nil	No. mal breech	6	L	L	
1571	29	1	40	Extended legs	Assisted breech	6	L	L	
1591	26	1	40	Extended legs	Assisted breech	7	L	L	
1625	35	3+1	30	Nil	Normal breech	2	L	L	
1635	32	3	32	Nil	Normal breech	3	L	L	
1640	29	1	40	Extended legs	Assisted breech	7	L	L	
1724	21	1	40	Extended legs	Assisted breech	5	L	L	

## BREECH PRESENTATION (Continued).

### BOOKED CASES

Reg. No.	Age	Gravida	Maturity	Complications	Delivery	Weight lb. ozs.	M	C	Result	Remarks
1748	21	1	36	Vaginal septum	Breech extraction	4	15	1	L	Septum removed after delivery
1751	36	3	40+1	Extended legs	Normal breech	6	11	1	L	
1811	32	1	40+2	Extended legs and arms	Assisted breech	8	0	1	L	
1830	35	3	40	Extended legs	Assisted breech	8	13	1	L	
1853	19	1	40	Extended legs	Assisted breech	6	7	2	L	
1866	37	5	36	Accidental haemorrhage (concealed)	Assisted breech	5	9	1	S/B	
2027	28	1+1	37	Extended legs	Normal breech	5	9	1	L	
2029	27	1	40	Extended legs	Assisted breech	7	12	1	L	
2038	29	1	40	Extended legs and arms	Breech extraction	7	7	1	L	Morbid
2044	21	1	39	Extended legs	Assisted breech	5	2	1	D	
2050	24	2	36	Nil	Normal breech	5	4	1	L	
2058	33	2	40	Extended legs and arms	Breech extraction	8	15	1	L	
2098	25	2	40+1	Extended arms	Normal breech	7	17	1	L	
2180	22	1	40	Extended legs and arms	Assisted breech	8	4	1	L	
2382	20	1	40+2	Nil	Normal breech	7	13	1	L	
2384	26	1	39	Extended legs	Assisted breech	6	14	1	L	
2406	33	1	40	Nil	Normal breech	6	14	1	L	
2416	29	4	40	Extended legs	Normal breech	8	5	1	L	
2571	26	2	40	Hydramnios	Normal breech	5	12	1	L	

### EMERGENCY CASES

9	25	1	Assisted breech	.....	.....	.....	.....	.....	.....	.....
24	35	1	Breech extraction	.....	.....	.....	.....	.....	.....	.....
79	28	1	Normal breech	.....	.....	.....	.....	.....	.....	.....
80	31	2	Assisted breech	.....	.....	.....	.....	.....	.....	.....
136	26	1	Assisted breech	.....	.....	.....	.....	.....	.....	.....
157	28	1	Assisted breech	.....	.....	.....	.....	.....	.....	.....
196	22	1	Normal breech	.....	.....	.....	.....	.....	.....	.....
268	31	2	L.S.C.S.	.....	.....	.....	.....	.....	.....	.....
282	26	1	Normal breech	.....	.....	.....	.....	.....	.....	.....
294	22	1	L.S.C.S.	.....	.....	.....	.....	.....	.....	.....
303	43	9	Assisted breech	.....	.....	.....	.....	.....	.....	.....
369	20	1	Assisted breech	.....	.....	.....	.....	.....	.....	.....
448	38	3+1	Assisted breech	.....	.....	.....	.....	.....	.....	.....
642	20	1	Normal breech	.....	.....	.....	.....	.....	.....	.....
712	33	3	Assisted breech	.....	.....	.....	.....	.....	.....	.....
770	25	1	Normal breech	.....	.....	.....	.....	.....	.....	.....
784	28	2	Assisted breech	.....	.....	.....	.....	.....	.....	.....
812	41	1	Assisted breech	.....	.....	.....	.....	.....	.....	.....
874	46	10	Normal breech	.....	.....	.....	.....	.....	.....	.....
877	26	1	Assisted breech	.....	.....	.....	.....	.....	.....	.....
895	39	5	Normal breech	.....	.....	.....	.....	.....	.....	.....
898	27	2	Assisted breech	.....	.....	.....	.....	.....	.....	.....
904	27	1	Normal breech	.....	.....	.....	.....	.....	.....	.....
990	25	1	Normal breech	.....	.....	.....	.....	.....	.....	.....
1045	27	2	Normal breech	.....	.....	.....	.....	.....	.....	.....

## BREECH PRESENTATION (Continued).

Reg. No.	Age	Gravida	Maturity	Complications	Delivery	Weight lb. ozs.	Result M C	Remarks
				.....	.....			.....
1085.....	27	2	40+2	.....Extended arms and legs	.....Breech extraction	9.....	2.....L	.....S/B.....L
1109.....	31	1	40	.....Extended arms and legs	.....Normal breech	6.....	9.....L	.....No F.H. on admission
1120.....	34	3	33	.....Concealed accidental haemorrhage	.....Normal breech	3.....	11.....L	.....S/B.....L
1141.....	27	1	40	.....Extended arms and legs	.....Assisted breech	8.....	12.....L	.....L
1162.....	42	5	39	.....Cord prolapsed : contracted pelvis	.....Classical C.S.	6.....	15.....L	.....L
1181.....	35	1	37	.....Elderly primipara hypertension	.....L.S.C.S.	6.....	9.....L	.....Uterine fibroid
1251.....	24	1	40	.....Extended arms	.....Assisted breech	6.....	12.....L	.....L
1313.....	23	3	40	.....Prolapsed cord : extended legs and arms	.....Assisted breech	7.....	10.....L	.....L
1316.....	32	1	40	.....Extended arms	.....Normal breech	7.....	9.....L	.....L
1459.....	39	4	38	.....Ante partum haemorrhage	.....Normal breech	4.....	1.....L	.....L
1474.....	28	3	38	.....Nil	.....Normal breech	5.....	7.....L	.....L
1480.....	28	1	40	.....Nil	.....Normal breech	6.....	0.....L	.....L
1593.....	19	1	35	.....Nil	.....Normal breech	4.....	10.....L	.....S/B.....L
1606.....	19	1	34	.....Nil	.....Normal breech	3.....	7.....L	.....Toxæmia
1690.....	28	4	39	.....Nil	.....Normal breech	8.....	0.....L	.....L
1758.....	24	1	40	.....Extended legs	.....Assisted breech	6.....	6.....L	.....L
1869.....	31	3	40	.....Nil	.....Assisted breech	8.....	9.....L	.....L
1877.....	33	3	40+2	.....Nil	.....Breech extraction	8.....	12.....L	.....S/B.....L
1905.....	20	1	40	.....Extended legs	.....Normal breech	7.....	14.....L	.....L
1907.....	22	1	40	.....Extended legs and arms	.....Breech extraction	7.....	5.....L	.....L
1927.....	44	15+2	34	.....Nil	.....Normal breech	5.....	10.....L	.....Hydramnios
1958.....	25	1	40	.....Funnel pelvis : extended legs : prolapsed cord	.....L.S.C.S.	7.....	8.....L	.....L
1991.....	22	1	34	.....Anencephaly	.....Normal breech	1.....	10.....L	.....S/B.....L
2006.....	29	1+1	40	.....Extended legs	.....Assisted breech	1.....	4.....L	.....L
2047.....	21	1	36	.....Nil	.....Normal breech	5.....	14½.....L	.....L
2252.....	23	3	32	.....Nil	.....Normal breech	3.....	7.....L	.....L
2276.....	25	1	36	.....Mixed accidental haemorrhage	.....Breech extraction	6.....	5.....L	.....Mc.....L
2351.....	20	1	30	.....Accidental haemorrhage	.....Normal breech	2.....	9.....L	.....S/B.....L
2454.....	34	4	30	.....Accidental haemorrhage	.....Normal breech	2.....	5.....L	.....L
2469.....	27	2+1	35	.....Accidental haemorrhage	.....Normal breech	4.....	6.....L	.....S/B.....L
2538.....	27	2	38	.....Placenta praevia : prolapsed cord	.....Normal breech	7.....	4½.....L	.....L
2607.....	25	2	38	.....	.....Normal breech	5.....	0.....L	.....S/B.....L

**BREECH PRESENTATION.****Analysis of Fœtal loss related to type of delivery.****BOOKED**

	Cases	Died or S/B	Fœtal Loss
<b>Vaginal Delivery</b>			
Normal and Assisted delivery .....	53	6	11.3%
Breech extraction .....	4	1	25.0%
<b>Total</b>	<b>57</b>	<b>7</b>	<b>12.3%</b>
<b>Cæsarean Delivery</b>			
	2	0	Nil
<b>Total</b>	<b>2</b>	<b>0</b>	<b>0.0%</b>
<b>Vaginal and Cæsarean Delivery</b>	<b>59</b>	<b>7</b>	<b>11.8%</b>

**EMERGENCY**

	Cases	Died or S/B	Fœtal Loss
<b>Vaginal Delivery</b>			
Normal and Assisted delivery .....	48	12	25%
Breech extraction .....	5	2	40.0%
<b>Total</b>	<b>53</b>	<b>14</b>	<b>26.4%</b>
<b>Cæsarean Delivery</b>			
	4	0	Nil
<b>Total</b>	<b>4</b>	<b>0</b>	<b>0.0%</b>
<b>Vaginal and Cæsarean Delivery</b>	<b>57</b>	<b>14</b>	<b>24.6%</b>

**Vaginal Delivery.** Overall Fœtal mortality, 19.1%

**Cæsarean Delivery.** Overall Fœtal mortality, Nil

**Gross Overall Fœtal mortality, 18.1%**

**FœTAL LOSS IN PRIMIGRAVIDÆ AND MULTIGRAVIDÆ.****BOOKED**

	Cases	Died or S/B	Fœtal Loss
<b>Vaginal Delivery</b>			
Primigravidæ .....	35	3	8.6%
Multigravidæ .....	22	4	18.2%

**EMERGENCY**

	Cases	Died or S/B	Fœtal Loss
<b>Vaginal Delivery</b>			
Primigravidæ .....	29	5	17.2%
Multigravidæ .....	24	9	37.5%

**Primigravidæ.....**Overall Fœtal mortality, 12.5%

**Multigravidæ.** Overall Fœtal mortality, 28.3%

## BROW AND FACE PRESENTATION.

There were 11 Patients with Face or Brow Presentation. Of these 5 were Booked Cases and 6 were in Emergency admissions.

### BOOKED CASES

Reg. No.	Age	Gravida	Maturity	Type	Complications	Treatment	Result C	Remarks
208.....	22	....	1	....	40 Secondary	....	....	....
1132.....	41	....	4	....	35 Primary	....	....	....
1134.....	27	....	1	....	40+1 Brow	....	....	....
2055.....	44	....	4	....	38 Brow	....	....	....
2380.....	34	....	3	....	39 Secondary	....	....	....
					Prolongation of second stage	....	....	....
						....	....	....
						....	....	....
						....	....	....
						....	....	....

There were no Maternal Deaths.

### EMERGENCY CASES

858.....	25	....	1	....	38 Secondary	....	....	.... Failed forceps (Face)
1098.....	29	....	1	....	40 Primary	....	....	.... Mento-posterior
1643.....	31	....	3	....	40 Secondary	....	....	....
1816.....	38	....	9+1	....	40 Secondary	....	....	.... Normal delivery
1842.....	22	....	1	....	40 Primary	....	....	.... Normal delivery
2428.....	25	....	1	....	40 Secondary	....	....	.... Normal delivery
						....	....	.... Toxæmia
						....	....	....
						....	....	....

1 Baby was stillborn. Foetal mortality 20%.

Overall Foetal Mortality 9.1%.

## LACERATIONS OF THE PERINEUM.

1,131 lacerations of the perineum required repair. Of these, 566 were episiotomies. 14 secondary sutures were performed.

### PRODUCTION OF LACERATION

		1st Degree	2nd Degree	3rd Degree	Secondary Suture
Natural forces:	vertex	363	166	4	4
	breech	6	4	1	2
	twins	5	1	0	0
	face	0	1	0	0
Forcesps	.....	3	1	10	8
		<hr/> 377	<hr/> 173	<hr/> 15	<hr/> 12
			565		
Episiotomy:	vertex—spontaneous	.....	248		1
	vertex—forceps	.....	223		1
	breech	.....	83		0
	face and brow	.....	2		0
	twins	.....	10		0
		<hr/> 566			<hr/> 2

## BORN BEFORE ARRIVAL IN HOSPITAL.

9 Booked cases and 8 Emergency admissions were delivered before arrival in hospital, making a total of 17 cases.

## RETROVERTED GRAVID UTERUS.

There were 2 cases of this condition. Both were Emergency admissions. In one, spontaneous replacement followed catheterisation, and in the other, manual replacement under anaesthesia was required.

## SPONTANEOUS PREMATURE LABOUR.

This was noted in 31 cases in whom no other abnormality was discovered.

## ARCUATE UTERUS.

Normal Delivery .....	7
Abnormal Delivery .....	6
Undelivered .....	1
	<hr/> 14 cases

## HYDRAMNIOS.

This was noted in 13 cases.

## NORMAL DELIVERY AFTER PREVIOUS CÆSAREAN SECTION.

This occurred in 12 cases.

## VERTEX PRESENTATION.

1,912 cases of vertex presentation occurred. There were 1,833 cases with the occiput anterior and 79 cases with the occiput posterior. Of the latter group 46 were Booked cases and 33 were Emergency cases.

## OCCIPITO-POSTERIOR POSITION.

**BOOKED CASES**

	Mother		Child			
	L.	D.	L.	S/B	Mc.	D.
Spontaneous rotation and normal delivery .....	11	0	11	1	0	0
				(One set of Twins)		
Spontaneous delivery face to pubes .....	16	0	16	0	0	0
Manual rotation and spontaneous delivery .....	0	0	0	0	0	0
Manual rotation and forceps delivery .....	12	0	12	0	0	0
Spontaneous rotation and forceps delivery .....	1	0	1	0	0	0
Forceps delivery face to pubes .....	6	0	6	0	0	0
Version and extraction .....	0	0	0	0	0	0
Cæsarean section .....	0	0	0	0	0	0
Destructive operation .....	0	0	0	0	0	0
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	46	0	46	1	0	0

Mothers      46.    Maternal deaths    0.    Fœtal loss      1.

Infants      47.    Maternal mortality 0.    Fœtal mortality 2.1%.

**EMERGENCY CASES**

	Mother		Child			
	L.	D.	L.	S/B	Mc.	D.
Spontaneous rotation and normal delivery .....	4	0	4	0	0	0
Spontaneous delivery face to pubes .....	6	0	5	0	0	1
Manual rotation and spontaneous delivery .....	0	0	0	0	0	0
Manual rotation and forceps delivery .....	16	0	14	1	0	1
Spontaneous rotation and forceps delivery .....	0	0	0	0	0	0
Forceps delivery face to pubes .....	7	0	3	3	0	1
Version and extraction .....	0	0	0	0	0	0
Cæsarean section .....	0	0	0	0	0	0
Destructive operation .....	0	0	0	0	0	0
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	33	0	26	4	0	3

Mothers      33.    Maternal deaths    0.    Fœtal loss      7.

Infants      33.    Maternal mortality 0.    Fœtal mortality 21.2%.

Overall Maternal mortality, 0.    Overall Fœtal mortality, 10%.

## TRANSVERSE LIE.

There were 26 Patients with Transverse Lie of which 11 were Booked Cases and 15 were Emergency Admissions.

### BOOKED CASES

Reg. No.	Age	Gravida	Maturity	Cause	Complications	Treatment	Result		Remarks
							M	C	
449....	30	....	4	....	40 ..... Flat Pelvis	....	.... Nil	....	....L ....L ....
539....	29	....	2+1	....	40 ..... Flat pelvis : arcuate uterus	....	.... Nil	....	....L ....L ....
561....	27	....	3	....	40 ..... Arcuate uterus	....	.... Nil	....	.... Previous L.S.C.S. for Placenta Prævia
723....	32	....	1+1	....	40 ..... Multiple pregnancy	....	.... Nil	....	....L ....L ....
969....	37	....	4	....	40 ..... Old fractured pelvis	....	.... Nil	....	.... Previous S/B Breech
99....	43	....	5	....	40 ..... Multiparity	....	.... Prolapsed Cord	....	....L ....L ....
1072....	24	....	1	....	40 ..... Arcuate uterus	....	.... Cord Presentation	....	....L ....L ....
1158....	35	....	3	....	40 ..... Placenta prævia	....	.... Nil	....	.... External version and A.R.M.
1218....	42	....	4	....	36 ..... Multiparity	....	.... Prolapsed Arm	....	.... Internal version: Breech delivery
1483....	27	....	3	....	40 ..... Multiple pregnancy	....	.... Nil	....	....L .... Second Twin
1656....	26	....	2+1	....	35 ..... Intra uterine death	....	.... Prolapsed Arm	....	....L .... Mc ....

There were no Maternal Deaths.

2 Babies were stillborn. Foetal mortality 18.1%.

## TRANSVERSE LIE (Continued)

### EMERGENCY CASES

Reg. No.	Age	Gravida	Maturity	Cause	Complications	Treatment	Result M	Result C	Remarks
3.....	22....	1....	40.....	Arcuate uterus	....	Prolapsed Arm	....	....	....L.....L.....
68.....	26....	2....	40.....	Unknown	....	Prolapsed Arm and Cord	....	....L.....	....Forceps to A.C.H.
498.....	32....	4....	39.....	Multiparity	....	Nil	....	....L.....	....
888.....	20....	1....	38.....	Multiple pregnancy	....	Prolapsed Arm and Cord	....	....D.....	....
903.....	43....	5....	40.....	Multiparity	....	Prolapsed Arm	....	....L.....	....
936.....	32....	3....	40.....	Multiparity	....	Prolapsed Arm	....	....L.....	....
962.....	26....	1....	32.....	Placenta Prævia	....	Nil	....	....L.....	....Bipolar version: Breech extraction
1115.....	33....	7....	38.....	Multiparity	....	Prolapsed Arm	....	....L.....	....S/B.....Arcuate uterus
1149.....	31....	2....	40.....	Multiple pregnancy	....	Prolapsed Arm	....	....L.....	....2nd Twin
1257.....	33....	3....	40+2....	Unknown	....	Prolapsed Arm	....	....L.....	....S/B.....F.H.N.H. on admission
1592.....	39....	6....	40.....	Multiparity	....	Prolapsed Arm	....	....L.....	....Decapitation and Extraction
1903.....	27....	1....	40.....	Arcuate uterus	....	Prolapsed Arm	....	....L.....	....
1983.....	27....	3....	40.....	Placenta Prævia (iv.)	....	Nil	....	....L.....	....Internal version: Breech delivery
2445.....	37....	2+1....	32.....	Placenta Prævia (i.)	....	Nil	....	....L.....	....Classical: C.S.
2496.....	39....	3....	40.....	Multiparity	....	Prolapsed Arm	....	....L.....	....Internal version: Assisted Breech delivery later

43

There were no Maternal Deaths.

9 Babies were stillborn or died. Foetal mortality 60%.

Overall Foetal Mortality 42.3%.

## MULTIPLE PREGNANCY.

One Triplet pregnancy occurred in an Emergency Case. There were 56 Patients with Twin Pregnancies. Of these 27 were Booked Cases and 29 Emergency Cases.

BOOKED CASES	Reg. No.	Gravida	Maturity	Presentations	Deliveries	Type	Weights			Remarks
							M	C	Result	
169.....1.....29.....	169.....1.....29.....	1.....2.....29.....	1.....35.....	Vertex	Breech	Forceps	.....Breech	.....Extraction	lbs. ozs.	Toxæmia
181.....24.....2.....38.....	181.....24.....2.....38.....	2.....38.....	2.....36.....	Breech	Breech	Normal	.....Assisted	.....Breech	4.....4.....3	.....Binovular
404.....36.....1.....40.....	404.....36.....1.....40.....	1.....36.....	1.....40.....	Vertex	Vertex	Normal	.....Normal	.....Normal	1½.....5.....9	.....Binovular
466.....25.....1.....5.....	466.....25.....1.....5.....	1.....36.....	1.....5.....	Vertex	Vertex	Normal	.....Forces	.....Normal	9.....5.....0	.....Binovular
545.....33.....5.....36.....	545.....33.....5.....36.....	5.....36.....	5.....36.....	Breech	Breech	Normal	.....Normal	.....Normal	8.....6.....0	.....Uniovular
546.....24.....2.....34.....	546.....24.....2.....34.....	2.....34.....	2.....34.....	Vertex	Vertex	Normal	.....Normal	.....Normal	5.....5.....15	.....Binovular
591.....23.....1.....36.....	591.....23.....1.....36.....	1.....36.....	1.....36.....	Breech	Breech	Normal	.....Breech	.....Normal	4.....4.....6½	.....Not recorded
671.....26.....2.....34.....	671.....26.....2.....34.....	2.....34.....	2.....34.....	Breech	Breech	Normal	.....Normal	.....Normal	5.....4.....6	.....Not recorded
723.....32.....1+1.....40.....	723.....32.....1+1.....40.....	1+1.....40.....	1+1.....40.....	Vertex	Transverse	Normal	.....Breech	.....Internal	5.....5.....7	.....Mc Oidium vaginitis
842.....24.....1.....40.....	842.....24.....1.....40.....	1.....40.....	1.....40.....	Breech	Breech	Assisted	.....Breech	.....Extraction	.....L.....L.....L	.....L.....L.....L
883.....36.....3.....36.....	883.....36.....3.....36.....	3.....36.....	3.....36.....	Breech	Vertex	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
960.....26.....2.....28.....	960.....26.....2.....28.....	2.....28.....	2.....28.....	Breech	Breech	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
1006.....29.....2.....40.....	1006.....29.....2.....40.....	2.....40.....	2.....40.....	Breech	Vertex	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
1116.....33.....1.....40.....	1116.....33.....1.....40.....	1.....40.....	1.....40.....	Vertex	Vertex	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
1220.....34.....6.....40+2.....	1220.....34.....6.....40+2.....	6.....40+2.....	6.....40+2.....	Vertex	Vertex	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
1222.....37.....1.....38.....	1222.....37.....1.....38.....	1.....38.....	1.....38.....	Vertex	Vertex	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
1482.....26.....3.....38.....	1482.....26.....3.....38.....	3.....38.....	3.....38.....	Breech	Breech	Face to pubes	.....Face to pubes	.....Normal	.....L.....L.....L	.....L.....L.....L
1483.....27.....3.....40.....	1483.....27.....3.....40.....	3.....40.....	3.....40.....	Vertex	Transverse	Normal	.....Normal	.....Breech	.....L.....L.....L	.....L.....L.....L
1549.....26.....1+1.....38.....	1549.....26.....1+1.....38.....	1+1.....38.....	1+1.....38.....	Vertex	Vertex	Assisted	.....Breech	.....Extraction	.....L.....L.....L	.....L.....L.....L
1603.....29.....5.....39.....	1603.....29.....5.....39.....	5.....39.....	5.....39.....	Breech	Breech	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
1696.....34.....1.....37.....	1696.....34.....1.....37.....	1.....37.....	1.....37.....	Vertex	Vertex	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
1888.....24.....2.....36.....	1888.....24.....2.....36.....	2.....36.....	2.....36.....	Breech	Vertex	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
1934.....28.....2.....37.....	1934.....28.....2.....37.....	2.....37.....	2.....37.....	Breech	Vertex	Normal	.....Normal	.....Normal	.....L.....L.....L	.....L.....L.....L
2106.....28.....1.....36.....	2106.....28.....1.....36.....	1.....36.....	1.....36.....	Breech	Vertex	Normal	.....Normal	.....Breech	.....L.....L.....L	.....L.....L.....L
2373.....25.....1.....36.....	2373.....25.....1.....36.....	1.....36.....	1.....36.....	Breech	Vertex	Assisted	.....Breech	.....Normal	.....L.....L.....L	.....L.....L.....L
2432.....33.....2.....36.....	2432.....33.....2.....36.....	2.....36.....	2.....36.....	Vertex	Transverse	Normal	.....Normal	.....Breech	.....L.....L.....L	.....L.....L.....L

There were no Maternal Deaths.

Of 54 Foetal Mortality 11.1%.

babies born, 6 died or were stillborn.

## MULTIPLE PREGNANCY (Continued).

EMERGENCY CASES										Remarks											
Reg.	Grav- No.	Age ida	Matu- rity	Presentations			Deliveries			Weights lbs. ozs. lbs. ozs.			Type	M C	C Result	M C	M C	Mc	Toxæmia : 2nd fœtus papyraceous Toxæmia		
110	34.....1+1.....	33	.....Vertex	.....Normal	.....M.....	Not recorded	.....M.....	.....M.....	.....M.....	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
301	25.....1.....	39	.....Vertex	.....Forceps	.....M.....	6	10	4	13½	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
398	23.....1.....	32	.....Breech	.....Normal	.....F.....	2	6½	2	7	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
408	32.....8.....	34	.....Breech	.....Normal	.....M.....	4	2	4	4½	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
817	35.....6.....	40	.....Breech	.....Normal	.....F.....	5	1	5	8	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
869	38.....2+1.....	36	.....Breech	.....Normal	.....M.....	4	13	5	0½	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
888	20.....1.....	38	.....Transverse.....Breech	.....Version: .....Breech	.....Assisted .....Breech	.....M.....	3	10	3	2	.....Uniovular	.....Uniovular	.....Uniovular	.....Uniovular	.....L.....	.....D.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....
989	21.....1.....	40	.....Breech	.....Normal	.....F.....	6	14	5	13	.....Uniovular	.....Uniovular	.....Uniovular	.....Uniovular	.....L.....	.....S/B.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
1091	26.....1.....	39	.....Vertex	.....Normal	.....M.....	7	3	7	0	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
1149	31.....2.....	40	.....Vertex	.....Normal	.....M.....	6	0	4	4	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
1180	33.....4.....	40	.....Breech	.....Vertex	.....Breech	.....Breech	.....Breech	.....Breech	.....Breech	.....Single	.....Single	.....Single	.....Single	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	
1185	16.....1.....	40	.....Breech	.....Vertex	.....Normal	.....F.....	4	8	3	9	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....
1227	42.....6.....	40	.....Vertex	.....Normal	.....F.....	6	6½	5	6½	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
1260	24.....3.....	40	.....Breech	.....Normal	.....F.....	5	10	5	12	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
1319	35.....6.....	32	.....Breech	.....Normal	.....F.....	1	6	1	7	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....D.....	.....D.....	.....D.....	.....D.....	.....A PH —unknown origin	.....A PH —unknown origin	
1454	23.....1.....	38	.....Vertex	.....Normal	.....F.....	5	0½	4	12	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....S/B.....	.....S/B.....	
1479	19.....1.....	30	.....Breech	.....Vertex	.....Normal	.....F.....	1	15½	1	15	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....S/B.....	.....Severe toxæmia
1508	24.....1.....	33	.....Vertex	.....Normal	.....F.....	3	11	3	10	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....S/B.....	.....Toxæmia	
1580	24.....1.....	38	.....Vertex	.....Normal	.....F.....	6	11	4	10	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
1584	20.....1.....	36	.....Breech	.....Normal	.....F.....	4	9	5	3	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
1600	27.....2.....	40	.....Vertex	.....Normal	.....F.....	5	8	5	11	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
1670	27.....2.....	40	.....Breech	.....Vertex	.....Normal	.....F.....	3	5	5	14	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....
2135	34.....1.....	39	.....Breech	.....Normal	.....F.....	3	15	5	15	.....Binovular	.....Binovular	.....Binovular	.....Binovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
2163	26.....4.....	37	.....Vertex	.....Normal	.....Breech	.....Breech	.....Breech	.....Breech	.....Breech	.....Uniovular	.....Uniovular	.....Uniovular	.....Uniovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	
2246	22.....2.....	?	.....Vertex	.....Normal	.....Breech	.....Breech	.....Breech	.....Breech	.....Breech	.....Uniovular	.....Uniovular	.....Uniovular	.....Uniovular	.....L.....	.....L.....	.....L.....	.....L.....	.....L.....	.....D.....	.....D.....	

## MULTIPLE PREGNANCY (Continued).

EMERGENCY CASES

Reg. No.	Age	Grav- ida	Matu- rity	Presentations	Deliveries	Sexes	Weights lbs. ozs. lbs. ozs.	Type	Result			Remarks
									M	C	C	
2392.....24.....	1 .....	36	Vertex	Breech	Normal	.....M.....M.....5	2 .....5	12	.....Uniovular	.....L	.....L	.....L
2401.....28.....	2 .....	40	Vertex	Vertex	Normal	.....F.....M.....5	10	5	.....Binovular.	.....L	.....L	.....L
2410.....25.....	1 .....	38	Vertex	Breech	Normal	.....F.....F.....3	14	4	.....Not recorded	.....L	.....L	.....L
2418.....40.....	5 .....	36	Breech	Vertex	Normal	.....F.....F.....6	8	6	.....Toxæmia	.....L	.....L	.....S/B
2433.....31.....	3 .....	39	Vertex	Transverse	Normal	.....M.....?	5	8	.....1st twin born outside	.....L	.....L	.....Not recorded

**Triplet Pregnancy.** Mother and all the infants survived.

There was 1 Maternal Death in 29 Twin Pregnancies.

Of 58 babies born (Twin Pregnancies), 12 died or were stillborn.

**Twin Pregnancy.** Overall Maternal Mortality 1.8%.

Overall Foetal Mortality 16.1%.

PROLAPSE OF CORD

There were 22 Patients in whom the cord prolapsed. Of these 5 were in Booked Cases and 17 in Emergency Admissions.

## BOOKED CASES

Reg. No.	Grav- ida	Matu- rity	Predisposing Cause	Cervical Dilatation	Condition of Cord	Treatment	M	C	Result	Remarks
613.....26....	1 ....	40	Breech Presentation	.....	.....	..... Pulsating	.....	.....	.....	..... Replacement and Legs brought down
995.....43....	5 ....	40	Transverse lie: Early ruptured membranes	.....	.....	..... Pulsating	.....	.....	.....	..... internal version. .... Breech extraction
1696.....34....	1 ....	40	Breech Presentation: Multiple pregnancy	Full	.....	..... Pulsating feebly	.....	.....	.....	..... Nil
1854.....34....	1+1....	40	Multiple presentation: Vertex and hand	1/3 .....	.....	..... Pulsating feebly	.....	.....	.....	..... S/B.... Cord ceased pulsating while preparing for Cæsarean Section.
2608.....37....	2 ....	40	Flat pelvis	.....	.....	..... Pulsating	.....	.....	.....	..... Replacement and forceps delivery later

There were no Maternal Deaths.

## EMERGENCY CASES

6.....36....	3 ....	40	.....Premature rupture of membranes	.....Pulsating	.....Pulsating	.....Replacement: Internal version	.....L	.....S/B.....Baby died during subsequent Breech delivery.
24.....35....	1 ....	40	.....Breech Presentation: Premature rupture of membranes	.....Pulsating	.....Pulsating	.....Breech extraction	.....L	.....L
68.....26....	2 ....	40	.....Transverse iLe	.....Pulsating	.....Pulsating	.....Internal version: Breech extraction	.....L	.....L
134.....41....	8 ....	40+	.....Prolapsed Arm with vertex	.....Full	.....Full	.....Internal version: Breech extraction	.....L	.....S/B.....
268.....31....	2 ....	40	.....Breech Presentation	.....Pulsating	.....Pulsating	.....L.S.C.S.	.....L	.....L
387.....24....	3 ....	40+	.....Non-engagement of vertex	.....Full	.....Full	.....Internal version: Breech extraction	.....L	.....L
888.....20....	1 ....	38	.....Multiple pregnancy: Transverse lie	1st	.....Pulsating	.....Internal version: Breech extraction	.....L	.....D .....1st Twin.
898.....27....	2 ....	32	.....Twin Presentation	.....Pulsating	.....Pulsating	.....Breech extraction	.....L	.....S/B .....1st Twin.
989.....21....	1 ....	40	.....Breech Presentation: A.R.M.	.....Pulsating	.....Pulsating	.....Replacement: Assisted Breech	.....L	.....S/B .....
1162.....42....	5 ....	39	.....Breech Presentation: Contracted pelvis	.....Pulsating	.....Pulsating	.....Classical C.S.	.....L	.....L
1313.....23....	3 ....	40	.....Unstable Breech Presentation	.....Pulsating	.....Pulsating	.....Assisted breech delivery	.....L	.....L
1338.....27....	1 ....	40+1	.....Unknown	.....Pulsating	.....Pulsating	.....Internal version: Breech extraction	.....L	.....S/B .....
1764.....26....	1 ....	40+1	.....Unknown	.....Not pulsating	.....Not pulsating	.....Expectant and forceps delivery	.....L	.....S/B.....F.H.N.H. on admission.
1946.....26....	1 ....	37	.....Unknown	.....Not pulsating	.....Not pulsating	.....Expectant and Normal delivery	.....L	.....Mc .....
1958.....25....	1 ....	40	.....Breech Presentation: Contracted pelvis	.....Pulsating	.....Pulsating	.....L.S.C.S.	.....L	.....L
2607.....25....	2 ....	38	.....Breech and placenta praevia	.....Not recorded	.....Pulsating feebly	.....Normal breech	.....L	.....S/B .....

There were no Maternal Deaths

9 Babies died or were still born. Foetal Mortality 52.9%.

Overall Foetal Mortality 45.5%

# CONTRACTED PELVIS

## BOOKED CASES

Reg.	No.	Age	Grav-ida	Matu- rity	Type of Pelvis	X-Ray	Clinical	C.V.	X-Ray	Duration of Labour	Delivery	Weight of Child	M	C	Remarks
74	28	1	40	40	C.C.P. and Flat	—	3"	3 <sup>5</sup> / <sub>8</sub> "	—	22 hours	Forceps	5	1	L	—
77	23	1	40	40	Rachitic Flat	—	3 <sup>3</sup> / <sub>4</sub> "	4"	—	53 hours	Forceps	6	1	L	—
155	21	1	40	40	C.C.P.	—	4"	—	—	17 hours	L.S.C.S.	6	9	L	—
215	27	2	40	40	C.C.P.	—	3 <sup>3</sup> / <sub>4</sub> "	—	—	10 <sup>1</sup> / <sub>2</sub> hours	Normal	7	5	L	—
320	23	1	40	40	C.C.P.	—	3 <sup>3</sup> / <sub>4</sub> "	—	—	20 hours	Forceps	7	0	L	—
340	23	2	40	40	Flat	—	3 <sup>1</sup> / <sub>2</sub> "	—	—	31 <sup>1</sup> / <sub>2</sub> hours	Forceps	6	8	L	—
380	35	3	40	40	Flat	—	—	—	—	—	Previous Cæsarean Section (8lbs. 12ozs.)	—	—	—	—
382	27	4	40	40	Rachitic Flat	—	—	—	—	—	—	6	1	L	—
402	24	4	40	40	—	—	—	—	—	—	—	6	1	L	—
449	30	4	40	40	Flat	—	—	—	—	—	—	6	12	L	—
456	28	2	40	40+3	Flat	—	—	—	—	—	—	6	9	L	—
477	20	1	40+3	40	Flat	—	—	—	—	—	—	6	9	L	—
478	31	3	39	39	Andro-gynæcoid	—	—	—	—	—	—	6	12	L	—
496	35	4+1	40	40	—	—	—	—	—	—	—	6	12	L	—
539	29	2+1	40	40	Flat	—	—	—	—	—	—	6	10	L	—
590	31	2	40	40	Flat	—	—	—	—	—	—	6	10	L	—
726	30	3	39	39	C.C.P.	—	—	—	—	—	—	6	11	L	—
822	22	1	39	39	C.C.P.	—	—	—	—	—	—	6	11	L	—
1038	30	1	40	40	Flat	—	—	—	—	—	—	7	4	L	—
1093	27	1	40	40	Rachitic Flat	—	2 <sup>1</sup> / <sub>2</sub> "	2 <sup>1</sup> / <sub>2</sub> "	—	—	—	6	11	L	—
1159	36	3	40	40	Funnel	—	—	—	—	—	—	6	13	L	—
1219	30	1	40	40	Anthropoid	—	—	—	—	—	—	6	13	L	—
1239	27	3	39	39	Rachitic Flat	—	—	—	—	—	—	7	14	L	—
1268	31	1	40+2	40	Flat	—	—	—	—	—	—	6	14	L	—
1297	25	2	40	40	G.C.P.	—	—	—	—	—	—	6	10	L	—
1514	41	6	36	36	G.C.P.	—	—	—	—	—	—	5	11	L	D
1523	37	1	38	38	Rachitic Flat	—	—	—	—	—	—	5	1	L	—
1541	25	1	40	40	Rachitic Flat	—	—	—	—	—	—	7	1	L	—
1632	32	2	40	40	Rachitic Flat	—	—	—	—	—	—	6	15	L	—
1834	32	1	40+2	40	G.C.P.	—	—	—	—	—	—	8	4	L	—
1846	25	1	40	40	Flat	—	—	—	—	—	—	5	1	L	—
1884	29	5	39	39	—	—	—	—	—	—	—	7	8 <sup>1</sup> / <sub>2</sub>	L	—
1921	32	1	40	40	Android	—	—	—	—	—	—	6	13	L	—
1933	20	2	38	38	Platypelloid	—	—	—	—	—	—	6	0	L	—
1986	29	2	38	38	G.C.P.	—	—	—	—	—	—	6	15	L	—
1988	31	1	40	40	G.C.P.	—	—	—	—	—	—	6	14	L	—
						—	—	—	—	—	—	7	14	L	—

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## CONTRACTED PELVIS (Continued)

### BOOKED CASES

Reg. No.	Age	Grav-ida	Matu-ri-ty	Type of Pelvis	Pelvis X-Ray	Clinical	C.V.	X-Ray	Duration of Labour	Delivery	Weight of Child	Result	Remarks
				G.C.P.	—	—	—	—	Nil	L.S.C.S.	Lbs. Ozs.	M	C
1998	32	3	40	G.C.P.	—	—	—	—	19½ hours	L.S.C.S.	6	12	L
2136	26	1	40	Flat	—	—	—	—	10 hours	L.S.C.S.	5	14	L
2160	34	2	40	Flat	—	—	—	—	8½ hours	L.S.C.S.	5	9½	L
2165	28	1	40	Flat	—	—	—	—	11½ hours	L.S.C.S.	5	9	L
2185	29	1	39	G.C.P.	—	—	—	—	Nil	L.S.C.S.	5	7	L
2193	37	3	40	—	—	—	—	—	Nil	L.S.C.S.	7	10	L
2196	22	1	40	G.C.P.	—	—	—	—	Nil	L.S.C.S.	7	4	L
2232	26	2	40	Flat	—	—	—	—	17½ hours	L.S.C.S.	7	10	L
2236	41	1	40	G.C.P.	—	—	—	—	26½ hours	Forceps	7	1	L
2255	22	1	40	Flat	—	—	—	—	33½ hours	L.S.C.S.	6	9½	L
2282	33	5	40	G.C.P.	—	—	—	—	4 hours	Normal	7	10	L
2393	22	2	39	G.C.P.	—	—	—	—	Nil	L.S.C.S.	7	14	L
2395	29	2	38	Rachitic Flat	—	—	—	—	Nil	L.S.C.S.	5	1½	L
2441	39	1	40	Rachitic Flat	—	—	—	—	42 hours	L.S.C.S.	9	4	L
2543	29	1	40	Rachitic Flat	—	—	—	—	Nil	L.S.C.S.	6	4	L
2555	24	2	40	G.C.P.	—	—	—	—	Nil	L.S.C.S.	7	7	L
2608	37	2	40	Flat	—	—	—	—	36 hours	Forceps	7	4	L

There were no Maternal Deaths.

Maternal Mortality — Nil.

One infant died and one was still born.

Fœtal Mortality 3.8%.

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### EMERGENCY CASES

611	33	1	40+1	Rachitic Flat	—	—	—	—	18½ hours	L.S.C.S.	7	3	L
1064	39	4	40	G.C.P.	—	—	—	—	Nil	L.S.C.S.	7	12	L
1069	33	1	40	Flat	—	—	—	—	54¾ hours	Forceps	6	8	L
1162	42	5	39	Flat	—	—	—	—	Nil	Classical C.S.	6	15	L
1400	34	1	40	Rachitic Flat	—	—	—	—	Nil	L.S.C.S.	7	0	L
1707	27	1	40	Flat	—	—	—	—	100 hours	L.S.C.S.	8	1	L
1958	25	1	40	Funnel	—	—	—	—	10½ hours	L.S.C.S.	7	8	L
2003	28	1	40	G.C.P.	—	—	—	—	Nil	L.S.C.S.	6	8½	D
2113	23	1	40+1	G.C.P.	—	—	—	—	18 hours	Forceps	6	4	L
2334	24	1	40	G.C.P.	—	—	—	—	47 hours	S/B Face to pubes	6	12	L

There were no Maternal Deaths.

Maternal Mortality — Nil.

One infant died and one was still born.

Fœtal Mortality 20%.

Overall Maternal Mortality — Nil.

Overall Fœtal Mortality 6.3%.

### CONTRACTED PELVIS (ANALYSIS).

63 patients with contracted pelvis were admitted to hospital. Of these 53 were Booked cases and 10 Emergency cases.

**BOOKED**

	Treatment	No. of Cases	
Normal delivery .....	.....	5	9.4%
Forceps delivery .....	.....	10	18.9%
Breech extraction .....	.....	2	3.8%
Cæsarean Section .....	.....	31	
Induction of Labour:—			
Cæsarean Section .....	.....	4	66.0%
Perforation .....	.....	1	1.9%
Normal Delivery .....	.....	0	0.0%
Forceps delivery .....	.....	0	0.0%
		<hr/> 53	

**EMERGENCY**

Normal delivery .....	.....	0	0.0%
Forceps delivery .....	.....	3	30.0%
Cæsarean section .....	.....	7	70.0%
		<hr/> 10	

Overall Cæsarean Section Rate in Contracted Pelvis = 66.7%.

Overall Forceps Rate in Contracted Pelvis = 20.6%.

### INDUCTION OF LABOUR (ANALYSIS).

Indication	Type of Induction			Result				Remarks
	(1) Drew-Smythe	(2) Spencer Wells	(3) Q.C. Bag	L	D	S/B	Mc	
Toxæmia .....	71	26	2	101	2	5	1	11 sets of twins.
Hypertension .....	9	8	0	15	0	1	0	
Post-maturity .....	10	1	0	10	0	1	0	
Fœtal Abnormality .....	4	2	0	0	0	6	0	
Placenta Prævia .....	2	4	0	4	1	1	0	
Accidental Hæmorrhage .....	1	4	0	4	0	1	0	
Eclampsia .....	1	1	0	3	0	0	0	1 set of twins.
Hydramnios .....	2	0	0	2	0	0	0	
Hydrops Fœtalis .....	0	1	0	0	0	1	0	
Cardiac Disease .....	2	1	0	3	0	0	0	
High Head at Term .....	1	0	0	1	0	0	0	
Diabetes Mellitus .....	1	0	0	0	0	1	0	
Pyelitis .....	2	0	0	1	1	0	0	
Unstable Presentation .....	1	1	0	2	0	0	0	
Bad Obstetric History .....	2	0	0	2	0	0	0	
Not recorded .....	2	0	0	2	0	0	0	
	<hr/> 111	<hr/> 49	<hr/> 2	<hr/> 150	<hr/> 4	<hr/> 17	<hr/> 1	
				162			172	

### NOTES.

- (1). Two cases had Drew-Smythe Induction, followed by Spencer Wells Induction—they therefore appear twice in the table.
- (2). One case of Cardiac Disease with Toxæmia is not recorded as the method of Induction used was not noted.
- (3). There were 12 sets of Twins.

## INDUCTION OF LABOUR (Normal Delivery).

Normal Delivery followed Induction of Labour on 134 occasions. Of these 55 were in Booked Cases and 79 were in Emergency Admissions.

BOOKED CASES				Indication	Method	Time till onset of labour	Duration of Labour	Weight lbs. ozs.	Result M.C.	Remarks
Reg. No.	Age	Gravida	Maturity							
119.....35.....	3.....	40+39.....	40+	Microcephaly	D.S.	25 hrs. (approx.)	7 hrs.	10	L.....	S/B.....
126.....24.....	1.....	39.....	39	Toxaemia	D.S.	24 hrs.	16 hrs.	5	L.....	L.....
198.....31.....	2.....	40.....	40	Toxaemia	D.S.	15 mins.	4 hrs.	7	L.....	L.....
300.....26.....	2.....	36.....	40+1	Toxaemia	D.S.	1 hr.	4½ hrs.	5	L.....	L.....
335.....27.....	2.....	40.....	40	Post-maturity	D.S.	12 hrs.	3½ hrs.	9	L.....	L.....
368.....32.....	1.....	40.....	40	Toxaemia	D.S.	½ hr.	3½ hrs.	5	L.....	Fœtal length 21½ ins.
381.....40.....	6.....	36.....	40	Hydrops Fœtalis	D.S.	48 hrs.	8½ hrs.	7	L.....	Retained placenta
395.....38.....	4.....	40.....	40	Hypertension	D.S. : S.W.	51 hrs.	8½ hrs.	6	L.....	S/B.....
425.....35.....	2.....	38.....	38	Toxaemia	D.S.	29 hrs.	1½ hrs.	6	L.....	Rh. neg.: mother with strong anti D.
460.....32.....	2.....	39.....	39	Toxaemia	D.S.	9 days?	2 hrs.	7	L.....	L.....
518.....41.....	3.....	40.....	40	Hypertension	D.S.	?	8¾ hrs.	8	L.....	L.....
542.....36.....	6.....	39.....	39	Hypertension	D.S.	17 hrs.	15 hrs.	7	L.....	L.....
617.....34.....	1.....	40.....	40	Toxaemia	D.S.	10 hrs.	17 hrs.	6	L.....	L.....
623.....35.....	2.....	37.....	37	Hypertension	D.S.	24 hrs.	67 hrs.	4	L.....	L.....
648.....24.....	1.....	40.....	40	Toxaemia	D.S.	40 mins.	5¼ hrs.	7	L.....	L.....
665.....41.....	2+2	33.....	33	Hypertension	D.S.	¾ hr.	7 hrs.	3	L.....	S/B.....
783.....22.....	1.....	38.....	38	Toxaemia	D.S.	1 hr.	7 hrs.	5	L.....	L.....
823.....24.....	3+1	40.....	40	Toxaemia	D.S.	Not recorded	Not recorded	6	L.....	L.....
882.....33.....	1.....	40.....	40	Hypertension	D.S.	15½ hrs.	6½ hrs.	6	L.....	L.....
944.....26.....	2.....	40.....	40	Toxaemia	D.S.	3 hrs.	8 hrs.	8	L.....	L.....
945.....25.....	1.....	24.....	24	Toxaemia	D.S.	5 hrs.	6½ hrs.	9	L.....	L.....
960.....26.....	2.....	28.....	28	Toxaemia	D.S.	1½ hrs.	7½ hrs.	4	L.....	L.....
1005.....31.....	1.....	38.....	38	Toxaemia	D.S.	129 hrs.	16 hrs.	7	L.....	L.....
1007.....30.....	1.....	40+2	40+3	High head	D.S.	5 hrs.	27½ hrs.	8	L.....	L.....
1014.....21.....	1.....	40+3	40	? Post-maturity	D.S.	7½ hrs.	7 hrs.	7	L.....	14½
1036.....26.....	2.....	40.....	40	Toxaemia	D.S.	8 hrs.	11 hrs.	7	L.....	L.....
1111.....22.....	2.....	38.....	38	Hypertension	D.S.	2½ hrs.	8½ hrs.	7	L.....	L.....
1158.....35.....	3.....	40.....	40	Placenta prævia	D.S.	2 hrs.	3 hrs.	7	L.....	L.....
1206.....26.....	4.....	40.....	40	Placenta prævia	D.S.	½ hr.	4½ hrs.	8	L.....	L.....
1345.....39.....	7.....	36.....	36	Diabetes mellitus	D.S.	1½ hrs.	17 hrs.	15	L.....	S/B.....
1360.....31.....	1.....	40+2	40+1	? Post-maturity	D.S.	100 hrs.	10 hrs.	0	L.....	L.....
1372.....33.....	1.....	40+1	40	Hydramnios	D.S.	24 hrs.	48 hrs.	8	L.....	L.....
1401.....41.....	3.....	40.....	40	Toxaemia	D.S.	Not recorded	Not recorded	9	L.....	L.....
1407.....27.....	1.....	38.....	38	Toxaemia	D.S.	34½ hrs.	17½ hrs.	5	L.....	L.....
1409.....26.....	1.....	37.....	37	Toxaemia	D.S.	6¾ hrs.	6½ hrs.	3	L.....	L.....
1502.....32.....	4.....	40.....	40	Cardiac	D.S.	2½ hrs.	3 hrs.	7	L.....	L.....

## INDUCTION OF LABOUR (Normal Delivery) (Continued).

BOOKED CASES			Reg. No.	Gravida	Maturity	Indication	Method	Time till onset of labour	Duration of Labour	Weight lbs.	Result ozs.	M C	Remarks	
1634	21	2	40	.....	.....	Cardiac disease	.....	15 hrs.	7½ hrs.	8	.....	L	.....	
1839	23	1	40+1	.....	.....	Toxaemia	.....	1 hr.	12 hrs.	9	.....	L	.....	
1855	22	1	40+3	.....	.....	? Post-maturity	.....	1½ hrs.	6 hrs.	7	.....	L	.....	
1881	31	5	39	.....	.....	Hydramnios & anencephaly	.....	1¾ hrs.	10 hrs.	5	.....	S/B	.....	
1890	24	2	40	.....	.....	Post-maturity : mitral stenosis	.....	1½ hrs.	10 hrs.	9	.....	L	.....	
1934	28	2	37	.....	.....	Toxaemia	.....	.....	77½ hrs.	16 hrs.	5	11	6	10
1936	30	1	40+3	.....	.....	Post-maturity	.....	.....	4½ hrs.	9 hrs.	7	.....	L	.....
1997	19	1	40+1	.....	.....	Post-maturity	.....	.....	5 hrs.	11 hrs.	8	.....	L	.....
2070	35	5	37	.....	.....	Bad obstetric history	.....	.....	100 hrs.	5½ hrs.	7	.....	L	.....
2084	30	3+3	34	.....	.....	Hypertension	.....	.....	1 hr.	2½ hrs.	4	.....	L	.....
2085	41	3	36	.....	.....	Toxaemia	.....	.....	20½ hrs.	1½ hrs.	6	.....	O <sup>4</sup>	.....
2159	24	1	40	.....	.....	Toxaemia	.....	.....	11 hrs.	4½ hrs.	6	.....	O <sup>0</sup>	.....
2224	20	1	40	.....	.....	Hypertension	.....	.....	Not recorded	Not recorded	6	.....	6	13
2240	31	3	40	.....	.....	Toxaemia	.....	.....	1½ hrs.	25 hrs.	9	.....	L	.....
2333	28	2	40	.....	.....	Unstable presentation : arcuate uterus	.....	.....	4 hrs.	8 hrs.	9	.....	L	.....
2357	28	4	40	.....	.....	Hypertension	.....	.....	2 hrs.	4½ hrs.	8	.....	L	.....
2432	33	2	36	.....	.....	Toxaemia	.....	.....	17 hrs.	4 hrs.	4	10	4	11½
2443	24	1	37	.....	.....	Toxaemia	.....	.....	2½ hrs.	12 hrs.	6	.....	L	.....
2559	37	3	34	.....	.....	Hypertension	.....	.....	5½ hrs.	10 hrs.	4	.....	L	.....

There were no Maternal Deaths. Out of 58 Babies born 5 were still born.

### EMERGENCY CASES

27	29	6	40	.....	.....	Toxaemia	.....	.....	D.S.	.....	6½ hrs.	.....	L	.....
102	21	2	40	.....	.....	Toxaemia	.....	.....	D.S.	.....	2 hrs.	.....	L	.....
128	42	5+1	40	.....	.....	Oblique lie: arcuate uterus	.....	.....	D.S.	.....	1½ hrs.	.....	L	.....
184	28	6	40	.....	.....	Placenta praevia	.....	.....	D.S.	.....	55 hrs.	.....	D	.....
221	24	1	40	.....	.....	Toxaemia	.....	.....	D.S.	.....	6 hrs.	.....	L	.....
238	26	1	38	.....	.....	Toxaemia	.....	.....	D.S.	.....	Nil	.....	L	.....
271	28	1	40	.....	.....	Toxaemia	.....	.....	D.S.	.....	1 hr.	.....	L	.....
281	23	1	39	.....	.....	Toxaemia	.....	.....	D.S.	.....	17½ hrs.	.....	L	.....
290	23	3	40	.....	.....	Toxaemia	.....	.....	D.S.	.....	5 hrs.	.....	L	.....
355	33	1	40	.....	.....	Hypertension	.....	.....	D.S.	.....	7½ hr.	.....	L	.....
365	26	2	39	.....	.....	Toxaemia	.....	.....	D.S.	.....	47 hrs.	.....	L	.....
490	33	1	39	.....	.....	Not recorded	.....	.....	D.S.	.....	7 hrs.	.....	L	.....
540	31	2	33	.....	.....	Toxaemia	.....	.....	S.W.	.....	3½ hrs.	.....	L	0
551	43	3	30	.....	.....	Toxaemia	.....	.....	D.S.	.....	4½ hrs.	.....	L	3
554	39	4	40	.....	.....	Accidental haemorrhage	.....	.....	D.S. : Q.C.B.	.....	16 hrs.	.....	L	12
				.....	.....	S.W.	.....	.....	S.W.	.....	1¼ hrs.	.....	Mc	14

Foetal Mortality 8.6%.

# INDUCTION OF LABOUR (Normal Delivery) (Continued).

## EMERGENCY CASES

Reg. No.	Age	Gravida	Maturity	Indication	Method	Time till onset of labour	Duration of Labour	Weight lbs.	Weight ozs.	Result M C	Remarks
569.....27....	2 ....	40+1	....	Hypertension	....D.S.	....Not recorded	....7	....6	....L	....L	....
666.....25....	1 ....	40+1	....	Toxæmia	....S.W.	....96 hrs.	....13½ hrs.	....6	....2½	....L	....
713.....25....	2 ....	40	....	Pyelitis	....D.S.	....10 mins.	....8 hrs.	....5	....10	....L	....
757.....28....	1 ....	40	....	Toxæmia	....S.W.	....5 hrs.	....8 hrs.	....6	....2	....L	....
762.....35....	3 ....	39	....	Toxæmia	....D.S.	....24 hrs.	....13½ hrs.	....5	....14	....L	....
828.....45....	7 ....	30	....	Hypertension	....D.S.	....23 hrs.	....7 hrs.	....4	....1	....L	....
881.....32....	1 ....	40	....	Toxæmia	....D.S.	....24½ hrs.	....4 hrs.	....5	....5	....L	....
947.....43....	6 ....	40	....	Toxæmia	....D.S.	....Nil	....1 hr.	....1	....5	....L	....
967.....22....	1 ....	40	....	Toxæmia	....S.W.	....2 hrs.	....10 hrs.	....8	....6	....L	....
988.....26....	1 ....	40	....	Toxæmia	....S.W.	....26½ hrs.	....13¼ hrs.	....6	....6	....L	....
1058.....27....	3 ....	36	....	Toxæmia	....D.S.	....2 hrs.	....6½ hrs.	....6	....3	....D	....
1083.....28....	4 ....	36	....	Not recorded	....D.S.	....48 hrs.	....8 hrs.	....5	....13	....L	....
1087.....29....	1 ....	40	....	Eclampsia	....D.S.	....7½ hrs.	....7½ hrs.	....4	....9	....L	....
1135.....38....	5 ....	35	....	Toxæmia	....D.S.	....Not recorded	....Not recorded	....3	....4	....L	....
1161.....21....	1 ....	39	....	Toxæmia	....S.W.	....2½ hrs.	....7 hrs.	....7	....14	....L	....
1227.....42....	6 ....	40	....	Eclampsia	....S.W.	....½ hr.	....2 hrs.	....6	....6½	....L	....
1244.....27....	1 ....	36	....	Toxæmia	....D.S.	....26 hrs.	....17 hrs.	....4	....5	....L	....
1247.....35....	3 ....	34	....	Toxæmia	....S.W.	....Not recorded	....4¾ hrs.	....3	....14	....L	....
1249.....26....	1 ....	40	....	Toxæmia	....D.S.	....2 hrs.	....8 hrs.	....8	....10	....L	....
1260.....24....	3 ....	40	....	Toxæmia	....S.W.,	....50½ hrs.	....4½ hrs.	....5	....12	....L	....
1281.....39....	6 ....	40	....	Placenta prævia	....S.W.	....22 hrs.	....25 hrs.	....6	....0½	....L	....
1315.....34....	3 ....	34	....	Toxæmia	....D.S.	....2½ hrs.	....2 hrs.	....4	....1	....L	....
1329.....26....	3+2	36	....	Accidental haemorrhage	....S.W.	....39 hrs.	....19½ hrs.	....4	....1	....L	....
1353.....22....	1 ....	34	....	Toxæmia	....D.S.	....54 hrs.	....24 hrs.	....4	....14	....L	....
1359.....42....	7 ....	34	....	Accidental haemorrhage	....S.W.	....2 hrs.	....2½ hrs.	....4	....11	....L	....
1390.....40....	3 ....	40	....	Toxæmia	....S.W.	....Not recorded	....Not recorded	....7	....13	....L	....
1484.....40....	5 ....	40	....	Toxæmia	....S.W.	....1 hr.	....2½ hrs.	....10	....0	....L	....
1502.....26....	1 ....	40	....	Toxæmia	....D.S.	....1½ hrs.	....10½ hrs.	....8	....1	....L	....
1550.....28....	1 ....	39	....	Toxæmia	....D.S.	....64 hrs.	....8 hrs.	....7	....4	....L	....
1572.....38....	1 ....	38	....	Toxæmia	....D.S.	....30 hrs.	....9½ hrs.	....6	....1	....L	....
1573.....27....	1 ....	40	....	Toxæmia	....D.S.	....1½ hrs.	....7½ hrs.	....5	....5	....L	....
1606.....19....	1 ....	34	....	Toxæmia	....D.S.	....1½ hrs.	....5 hrs.	....3	....7	....S/B	....
1610.....26....	1 ....	36	....	Toxæmia	....D.S.	....2 hrs.	....11 hrs.	....4	....15	....L	....
1629.....39....	7 ....	40	....	Toxæmia	....D.S.	....1 hr.	....2 hrs.	....2	....8	....L	....
1648.....28....	1+3	36	....	Toxæmia	....D.S.	....2 hrs.	....3 hrs.	....4	....12	....L	....
1675.....25....	1 ....	36	....	Toxæmia	....D.S.	....2 hrs.	....5½ hrs.	....5	....3	....L	....
1682.....24....	1 ....	39	....	Toxæmia	....D.S.	....Not recorded	....Not recorded	....7	....0	....L	....
1752.....27....	5 ....	36	....	Toxæmia	....D.S.	....5½ hrs.	....6½ hrs.	....4	....6	....L	....
1780.....24....	1 ....	39	....	Toxæmia	....D.S.	....Not recorded	....Not recorded	....6	....11	....L	....

## INDUCTION OF LABOUR (Normal Delivery) (Continued).

EMERGENCY CASES		Reg. No.	Age	Gravida	Maternity	Indication	Method	Time till onset of labour	Duration of Labour	Weight lbs.	Weight ozs.	Result M C	Remarks	
1785	22	1	39	....	Toxæmia	....	....	D.S.	....	Not recorded	7	3	.... L .... L ....	
1840	39	3	38	....	Hydramnios & anencephaly	....	....	D.S.	....	Not recorded	3	8	.... L .... S/B ....	
1891	32	2	40	....	Toxæmia	....	....	D.S.	....	2 hrs.	6	2	.... L .... L ....	
1959	42	8	40+3	....	Post-maturity	....	....	D.S.	....	1 hr.	6	2	.... L .... L ....	
1965	22	1	39	....	Toxæmia	....	....	D.S.	....	55 hrs.	6	14½	.... L .... L ....	
1966	38	6	31	....	Toxæmia	....	....	D.S.	....	3 hrs.	2	4	.... L .... S/B ....	
2037	20	1	40	....	Toxæmia	....	....	D.S.	....	Not recorded	8	0	.... L .... L ....	
2073	42	5+1	40+1	....	Toxæmia	....	....	D.S.	....	recorded	9	0	.... L .... L ....	
2163	26	4	37	....	Toxæmia	....	....	S.W.	....	1 hr.	5	15	.... L .... L .... Twins	
2223	24	1	36	....	Toxæmia	....	....	D.S.	....	Nil	1	9	.... L .... L ....	
2249	22	1	40	....	Hypertension	....	....	D.S.	....	1 hr.	4½ hrs.	5	.... L .... L ....	
2261	40	4	36	....	Toxæmia	....	....	D.S.	....	2½ hrs.	4	15½	.... L .... L ....	
2323	25	3	36	....	Toxæmia	....	....	D.S.	....	4 hr.	9	4	.... L .... L ....	
2341	28	2	34	....	Toxæmia	....	....	D.S.	....	1 hr.	20 hrs.	3	11¾	.... L .... L ....
2342	31	3	36	....	Toxæmia	....	....	D.S.	....	2½ hr.	6	6	.... L .... L ....	
2370	21	1	34	....	Toxæmia	....	....	D.S.	....	7½ hrs.	4 hrs.	5	8	.... L .... L ....
2418	40	5	36	....	Toxæmia	....	....	D.S.	....	—	—	6	0	.... L .... L ....
2439	22	1	36	....	Toxæmia	....	....	D.S.	....	2 hrs.	5 hrs.	3	7¾	.... L .... L ....
2476	37	2	32	....	Hydramnios & anencephaly	....	....	D.S.	....	21 hrs.	1½ hrs.	2	6	.... L .... S/B ....
2485	19	1	38	....	Toxæmia	....	....	D.S.	....	Not recorded	7	2	.... L .... L ....	
2498	23	1	38	....	Toxæmia : mitral stenosis	....	....	D.S.	....	1 hr.	12 hrs.	6	8	.... L .... L ....
2526	27	5+1	32	....	Toxæmia : mitral stenosis	....	....	D.S.	....	Not recorded	2 hrs.	2	6	.... L .... L ....
2550	29	1	36	....	Hydramnios & anencephaly	....	....	D.S.	....	18½ hrs.	5 hrs.	5	0	.... L .... S/B ....
2638	26	1+1	30	....	Toxæmia	....	....	D.S.	....	5 hrs.	3½ hrs.	3	10	.... L .... D ....
2642	33	1	34	....	Toxæmia	....	....	D.S.	....	6 hrs.	6 hrs.	4	12	.... L .... L ....

There were no Maternal Deaths. Out of 83 Babies born, 9 died or were still born. Foetal Mortality 10.8%.

Overall Foetal Mortality 9.9%.

## INDUCTION OF LABOUR (Abnormal Delivery).

Abnormal Delivery followed Induction of Labour in 27 cases.

Of these 10 were Booked and 17 were Emergency Admissions.

### BOOKED CASES

Reg. No.	Age	Gravida	Maturity	Indication	Method	Delivery	Time till onset of Labour	Duration of Labour	Weight lbs.	ozs.	M	C	Remarks
169.....29.....1.....35	.... Twins : toxæmia	....	....	....D.S. ....Forceps : breech	....	24 hrs.	....	15 hrs.	....	4 4½	4	3	....L ....L ....L
884.....30.....1.....36	.... Toxæmia	....	....	....S.W. ....Forceps	....	30½ hrs.	....	19 hrs.	....	5	....	5	....L ....L ....L
996.....41.....1.....38	.... Toxæmia	....	....	....D.S. ....Forceps	....	35 hrs.	....	10¾ hr.	....	5	....	0	....L ....L ....L
1696.....34.....1.....37	.... Toxæmia	....	....	....D.S. ....Breech extraction	....	60 hrs.	....	3¾ hrs.	....	4 0½	4	10	....L ....L ....L
1825.....35.....2.....40	.... Obstetric history	....	....	....D.S. ....L.S.C.S.	....	7 hrs.	....	5 hrs.	....	9	....	2	....L ....L ....L
1927.....44.....15+2.....34	.... Hydramnios	....	....	....D.S. ....Normal breech	....	72 hrs.	....	5½ hrs.	....	5	....	10	....L ....L ....L
2088.....35.....1.....40	.... Hypertension	....	....	....S.W. ....Forceps	....	Not recorded	....	Not recorded	....	7	....	12	....L ....L ....L
2196.....22.....1.....40	.... ? Post-maturity	....	....	....D.S. ....L.S.C.S.	....	Not recorded	....	Not recorded	....	7	....	4	....L ....L ....L
2372.....45.....5+1.....40+3	.... Post-maturity	....	....	....D.S. ....Forceps	....	Not recorded	....	Not recorded	....	11	....	14	D ....S/B....Ch. Welchii: Intra-partum rupture of uterus
2537.....35.....1.....40+1	.... Toxæmia	....	....	....D.S. ....Forceps	....	6 hrs.	....	5½ hrs.	....	7	....	8	....L ....L ....L

There was 1 Maternal Death.

Out of 12 Babies born 1 was still born.

Maternal Mortality 10%.

Fœtal Mortality 8.3%.

## INDUCTION OF LABOUR (Abnormal Delivery) (Continued).

EMERGENCY CASES			Indication	Method	Delivery	Time till onset of Labour	Duration of Labour	Weight lbs.	Weight ozs.	M	C	Result	Remarks
Reg. No.	Age	Grav- ida	Matu- rity										
651	32	1	40	.....Placenta prævia	....S.W.	Forceps	1½ hrs.	36 hrs.	7	2	L	L	
895	39	5	36	.....Toxæmia	....S.W.	Breech	½ hr.	12 hr.	4	10	L	L	
897	23	2	34	.....Toxæmia	....S.W.	Forceps	½ hr.	2½ hrs.	4	8	L	L	
989	21	1	40	.....Toxæmia	....S.W.	Assisted breech :	½ hr.	5 hrs.	6	14	L	S/B	Twins
1160	34	3	39	.....Toxæmia	....S.W.	Forceps	Not recorded	7 hrs.	7	1	L	L	
1454	23	1	38	.....Toxæmia	....S.W.	Forceps : forceps	Not recorded	5 hrs.	5 0½	4 12	L	L	
1479	19	1	30	.....Toxæmia	....Q.C.B.	Normal : breech	52 hrs.	15¾ hrs.	1 15½	1 15	L	S/B	Twins
1991	22	1	34	.....Anencephaly : hydramnios	....S.W.	Normal breech	1½ hrs.	11 hrs.	1	10	L	S/B	
2040	23	1	40	.....Toxæmia	....D.S.	Forceps	3 hrs.	52½ hrs.	7	8	L	L	
2059	32	1	36	.....Pyelitis	....D.S.	L.S.C.S.	1 hr.	47 hrs.	6	0	L	D	
2063	31	1	40+3	.....Post-maturity	....D.S.	Forceps	2½ hrs.	34 hrs.	9	14	L	L	
2113	23	1	40+1	.....Post-maturity	....D.S.	Forceps	3 hrs.	18 hrs.	6	4	L	L	
2248	40	3	40	.....Toxic accidental haemorrhage	....D.S.	Forceps	2½ hrs.	33 hrs.	9	4	L	L	
2332	24	1	32	.....Placenta prævia : toxæmia	....D.S.	Bipolar version : breech extraction	—	—	—	2	L	S/B	
2374	24	1	40	.....Toxæmia	....D.S.	Forceps	47½ hrs.	52 hrs.	7	0	L	L	
2454	34	4	30	.....Accidental hemorrhage	....S.W.	Normal breech	8 hrs.	2 hrs.	2	5	S/B	S/B	
2580	31	1	36	.....Toxæmia	....D.S.	Normal	8½ hrs.	1 hr.	5	14	L	L	

There were no Maternal Deaths. Out of 20 Babies born, 7 died or were still born. Foetal Mortality 35%.

Overall Maternal Mortality 3.7%.

Overall Foetal Mortality 25.0%.

### UTERINE INERTIA (Labour over 48 hours).

There were 35 Patients who had Uterine inertia. Of these 10 were Booked cases and 25 Emergency cases.

BOOKED CASES			Time in labour before admission	Membranes	Presentation	Duration of first Stage	Duration of 2nd Stage	Type of Delivery	Complications	Result	Remarks
Reg. No.	Age	Gravida								M	C
225	30	1	40+3	1½ hrs.	Ruptured	L.O.A.	82 hrs.	N/A	L.S.C.S.	L	S/B Post Mature
287	31	2	40	3 hrs.	Intact	L.O.A.	72 hrs.	½ hr.	Normal	L	D Lived 3½ hours
513	28	1	40	Nil	Ruptured	L.O.A.	105 hrs.	1½ hrs.	Forceps	L	L Morbid
623	35	2	37	Nil	Ruptured (A.R.M.)	L.O.A.	65 hrs.	2 hrs.	Normal	L	L
920	22	1	40	72 hrs.	Ruptured	L.O.T.	75½ hrs.	¾ hr.	Normal	Nil	S/B
957	33	1	40	Nil	Intact	Not recorded	158 hrs.	Nil	L.S.C.S.	L	L
1038	30	1	40	Nil	Intact	R.O.A.	72 hrs.	2½ hrs.	Forceps	L	L
1575	27	1	40	Nil	Intact	R.O.T.	68 hrs.	(total duration of labour)	Forceps	Morbid	Morbid
1915	25	1	40	4 hrs.	Intact	Not recorded	105 hrs.	2½ hrs.	Forceps	L	L
2537	35	1	40+1	Nil	Intact	Vertex	50½ hrs.	½ hr.	Forceps	Toxaemia	L

There were no maternal deaths. 3 infants died or were still-born.

Fœtal mortality 30%

## UTERINE INERTIA (Labour over 48 hours)—(Continued).

### EMERGENCY CASES

Reg. No.	Gravida	Maturity	Time in labour before admission	Membranes	Presentation	Duration of first Stage	Duration of 2nd Stage	Type of Delivery	Complications	Remarks	M C
30.....28....	1.....	40+1	....20 hrs.	....Ruptured	....L.O.A.	....54 hrs.	....1 hr.	....Forceps	....Fœtal distress	....	....L ....L
252.....29....	1.....	40+2	....20 hrs.	....Ruptured	....Vertex	....103 hrs.	....N/A	....L.S.C.S.	....Cervical rigidity	....	....L ....L
417.....38....	1.....	40	....20 hrs.	....Ruptured	....L.O.T.	....94 hrs.	....1½ hrs.	....Forceps	....Toxaemia	....	....L ....L
441.....22....	1.....	38	....20 hrs.	....Ruptured	....L.O.T.	....74½ hrs.	....10 minutes	....Normal	....Intra uterine sepsis	....	....L ....L
570.....39....	1.....	40	....20 hrs.	....Nil	....Vertex	....49½ hrs.	....Nil	....Forceps	....Nil	....	....S/B ....D
929.....29....	1.....	40	....20 hrs.	....Ruptured	....R.O.P.	....96½ hrs.	....10 minutes	....Forceps	....Intra uterine sepsis	....	....L ....L
977.....24....	1.....	40	....20 hrs.	....Ruptured	....R.O.A.	....73 hrs.	....Nil	....Forceps	....Maternal distress	....	....L ....L
1056.....29....	1.....	40	....20 hrs.	....Ruptured	....L.O.A.	....80 hrs.	....1 hr.	....Forceps	....Cervical rigidity	....	....L ....L
1069.....33....	1.....	40	....20 hrs.	....Ruptured	....L.O.A.	....53½ hrs.	....1½ hrs.	....Forceps	....Contracted pelvis: Toxaemia	....	....L ....L
1091.....26....	1.....	39	....20 hrs.	....Ruptured	....L.O.A.	....R.O.T.	....77 hrs.	....Forceps	....Nil	....	....L ....L
1124.....48....	1.....	40	....20 hrs.	....Ruptured	....L.O.T.	....84 hrs.	....15 minutes	....Normal	....Incomplete cervical dilation	....	....L ....L
1253.....26....	1.....	40	....20 hrs.	....Ruptured	....R.O.A.	....93 hrs.	....Nil	....Forceps	....Retraction ring	....	....S/B ....S/B
1340.....26....	1.....	40+2	....20 hrs.	....Ruptured	....R.O.T.	....80 hrs.	....Nil	....L.S.C.S.	....Perforation: cleidotomy; extraction	....	....L ....L
1911.....27....	1+1	40+1	....20 hrs.	....Ruptured	....R.O.T.	....68 hrs.	....Nil	....Forceps	....Cervical rigidity	....	....S/B ....S/B
2040.....23....	1.....	40	....20 hrs.	....N/A	....A.R.M.	....R.O.P.	....52 hrs.	....1½ hr.	....Eclampsia	....	....L ....L
2116.....29....	1.....	40?	....20 hrs.	....Ruptured	....R.O.P.	....144 hrs.	....Nil	....Forceps	....Maternal distress	....	....L ....L
2161.....25....	1+2	40?	....20 hrs.	....Not recorded	....Vertex	....71 hrs.	....Nil	....L.S.C.S.	....Cervical dystocia	....	....L ....L
2191.....21....	1	40	....20 hrs.	....Intact	....R.O.A.	....73 hrs.	....1½ hr.	....Normal	....Nil	....	....L ....L
2293.....34....	1+2	40	....20 hrs.	....Ruptured	....L.O.P.	....113 hrs.	....N/A	....L.S.C.S.	....Cervical dystocia	....	....L ....L
2374.....24....	1	40	....20 hrs.	....Intact	....L.O.T.	....50½ hrs.	....1½ hrs.	....Forceps	....Fœtal distress	....	....L ....L
2402.....37....	1	40	....20 hrs.	....Ruptured	....L.O.A.	....82½ hrs.	....40 minutes	....Forceps	....Fœtal distress	....	....L ....L
2405.....24....	1	40	....20 hrs.	....Intact	....R.O.P.	....64 hrs.	....2 hrs.	....Normal	....Nil	....	....L ....L
2480.....29....	1	40+	....20 hrs.	....Ruptured	....L.O.A.	....79½ hrs.	....N/A	....Perforation	....Maternal distress	....	....S/B ....S/B
2563.....21....	1	40+2	....20 hrs.	....Ruptured	....L.O.T.	....49 hrs.	....2 hrs.	....Forceps	....Infected on admission	....	....L ....L
2601.....29....	1	40+2	....20 hrs.	....Ruptured	....L.O.P.	....63 hrs.	....1 hr.	....Forceps	....Intra uterine infection	....	....L ....L

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There were no maternal deaths.

Fœtal mortality 30.8%

Overall Maternal Mortality, Nil.

Overall Fœtal Mortality, 30.6%

8 infants died or were still-born.

## FORCEPS ANALYSIS.

Forceps were successfully applied on 263 occasions. Of these 149 were Booked cases and 114 Emergency cases. Twin forceps deliveries are included, but are not noted separately.

	Total Cases	Mother L	Mother D	Child L	Child S/B	Child Mc.	Child D
<b>BOOKED</b>							
Prolonged Second Stage:							
Occiput Anterior	44	44	0	42	1	0	1
due to Occiput Posterior	11	11	0	13	0	0	0
due to Occiput Transverse	24	24	0	22	2	0	1
Fœtal distress:							
with Occiput Anterior	17	17	0	17	0	0	0
with Occiput Posterior	1	1	0	1	0	0	0
with Occiput Transverse	19	19	0	16	2	0	1
Maternal Distress:							
Occiput Anterior	4	3	1	2	2	0	0
Occiput Posterior	4	4	0	4	0	0	0
Occiput Transverse	4	4	0	4	0	0	0
Pre-eclamptic toxæmia and eclampsia							
Cardiac disease	6	6	0	6	0	0	0
Face presentation	12	11	1	11	1	0	0
Brow presentation	1	1	0	1	0	0	0
After coming head	1	1	0	1	0	0	0
	149	147	12	141	8	0	3

	Total Cases	Mother L	Mother D	Child L	Child S/B	Child Mc.	Child D
<b>EMERGENCY</b>							
Prolonged Second Stage:							
Occiput Anterior	31	31	0	30	1	0	0
due to Occiput Posterior	11	11	0	7	5	1	0
due to Occiput Transverse	8	8	0	8	0	0	0
Fœtal distress:							
with Occiput Anterior	15	15	0	13	1	0	1
with Occiput Posterior	9	9	0	8	0	0	1
with Occiput Transverse	10	10	0	9	1	0	0
Maternal Distress:							
Occiput Anterior	6	6	0	5	1	1	0
Occiput Posterior	5	5	0	4	1	0	0
Occiput Transverse	7	7	0	5	1	0	1
Pre-eclamptic toxæmia and eclampsia							
Cardiac disease	6	5	1	4	2	1	0
Face presentation	1	1	0	1	0	0	0
After coming head	2	2	0	1	0	0	1
	114	113	1	98	13	3	4

## ANALYSIS.

Forceps delivery was effected in 263 cases (including the application of forceps to the after coming head in 3 breech presentations).

### BOOKED CASES

Mothers—	149
Maternal deaths	2
Maternal mortality	1.3%

### EMERGENCY CASES

Mothers—	114
Maternal deaths	1
Maternal mortality	0.88%

Infants—	152
Fœtal loss	11
Fœtal mortality	7.2%

Infants	118
Fœtal loss	20
Fœtal mortality	16.9%

Overall Maternal mortality ..... 1.2%.

Overall Fœtal mortality 11.5%.

Booked forceps rate 10.1%.

Emergency forceps rate 32.5%.

**Forceps Rate:** 260 forceps deliveries in a total of 1,816 deliveries = 14%.

## FAILED FORCEPS.

No case of "Failed Forceps" occurred in a Booked Case. There were 29 cases of "Failed Forceps" in Emergency Cases.

### EMERGENCY CASES

Reg. No.	Grav- ida	Matu- rity	Cause of Failure	Treatment	Result M C	Remarks
35.....43.....	7.....	39.....	Undilated cervix	Normal delivery	L.....L	Cervix fully dilated on admission
116.....40.....	9+2.....	39.....	Unknown	Forceps delivery	L.....L	.....
193.....27.....	1.....	40+2.....	Unrotated occiput	Manual rotation : forceps delivery	L.....L	.....
204.....28.....	1+1.....	40+2.....	Contracted pelvis	Forceps delivery	L.....L	.....
269.....22.....	1.....	38.....	Undilated cervix : occiput posterior	Manual rotation	S/B.....L	No F.H on admission: blood transfusion
371.....27.....	1.....	39.....	Unrotated occiput	Manual rotation and forceps delivery later	L.....L	.....
397.....32.....	1.....	40.....	Undilated cervix : unrotated occiput	Forceps delivery	D.....L	Delivered face to pubes
749.....35.....	1.....	40.....	Transverse arrest	Forceps delivery	L.....L	.....
1124.....48.....	1.....	40.....	Undilated cervix	Manual rotation : forceps delivery	L.....L	.....
1167.....35.....	3.....	40.....	Not recorded	Expectant	S/B.....L	Normal delivery 9 hours later
1223.....23.....	1.....	40.....	Unrotated occiput	Expectant	S/B.....L	Hydrocephalus
1306.....22.....	1.....	40.....	Undilated cervix	Expectant	S/B.....L	F.H.N.H. on admission : bilateral episiotomy outside
1322.....21.....	1.....	40.....	Undilated cervix	Expectant	L.....L	.....
1328.....22.....	1.....	40.....	Unrotated occiput	Expectant	L.....L	Morbid
1519.....30.....	1.....	40+2.....	Undilated cervix	Expectant	L.....L	.....
1764.....26.....	1.....	40+1.....	Undilated cervix	Expectant	S/B.....L	Non pulsating prolapsed cord on admission
1873.....28.....	3.....	40+2.....	Undilated cervix	Expectant : forceps delivery	L.....L	.....
1994.....45.....	4.....	40.....	Unknown	Expectant : forceps delivery	L.....L	.....
1995.....32.....	2.....	39.....	Unrotated occiput	Expectant : normal delivery	L.....L	.....
2010.....27.....	1.....	40.....	Undilated cervix	Expectant : forceps delivery	L.....L	.....
2140.....28.....	1.....	40+3.....	Undilated cervix	Expectant : forceps delivery	L.....L	.....
2230.....39.....	9.....	40.....	Unknown	Blood transfusion : Subtotal Hysterectomy	Mc.....D	.....
2251.....36.....	1.....	40.....	Unrotated occiput	Forceps delivery	L.....L	Ruptured uterus
2257.....24.....	1.....	40+1.....	Unrotated occiput	Forceps delivery	L.....L	.....
2280.....26.....	1+1.....	40+1.....	Undilated cervix	Expectant : forceps delivery	S/B.....L	.....
2335.....27.....	1.....	40+2.....	Unruptured membranes (!)	Rupture of membranes ; forceps delivery	L.....L	.....
2391.....29.....	1.....	40.....	Unrotated occiput	Forceps delivery	L.....L	.....
2630.....18.....	1.....	40.....	Undilated cervix	Manual rotation : forceps delivery	L.....L	.....
2634.....26.....	1.....	40.....	.....	Expectant : forceps delivery	L.....L	.....

There was 1 Maternal death in 29 cases.

Of 29 infants born, 9 died or were still born.

Maternal mortality = 3.4%.

Foetal mortality 31%.

## INTRA PARTUM VERSION.

23 Patients required Internal or Bipolar Version. Of these 6 were in Booked cases and 17 in Emergency admissions.

### BOOKED CASES

Reg. No.	Age	Grav- ida	Matu- rity	Indication	Type	Delivery	Weight of Child			Result
							Ib.	ozs.	M	
723	32	1+1	40	Transverse lie : prolapsed arm—2nd twin	Internal	Breech extraction	5	7	L	
995	43	5	40	Transverse lie : prolapsed cord	Internal	Breech extraction	6	7	L	
1072	24	1	40	Transverse lie : cord presentation	Internal	Breech extraction	6	7	L	
1218	42	4	36	Transverse lie : prolapsed arm	Internal	Normal breech	4	7½	S/B	F.H.N.H. on admission
1483	27	3	40	Transverse lie	Internal	Breech extraction	6	13	L	Rh. Neg.
1656	26	2+1	35	Transverse lie	Internal	Breech extraction	4	3	Mc	2nd twin

There were no maternal deaths. 2 babies were still-born. Foetal mortality 33.3%.

### EMERGENCY CASES

Reg. No.	Age	Grav- ida	Matu- rity	Indication	Type	Delivery	Weight of Child			Result
							Ib.	ozs.	M	
68	26	2	40	Transverse lie : prolapsed arm	Internal	Breech extraction	7	10½	L	
134	41	8	40+	Premature rupture of membranes : prolapsed cord	Internal	Assisted breech delivery later	9	2	L	S/B
387	24	3	40+	Transverse lie : prolapsed arm and cord	Internal	Breech extraction	10	12	L	S/B
686	38	3	31	Prolapsed cord	Internal	Breech extraction	8	6	L	
888	20	1	38	Prolapsed arm	Internal	Breech extraction	4	2	Mc	Eclampsia
892	42	4	32	Transverse lie : prolapsed arm and cord	Internal	Breech extraction	3	10	D	1st twin
903	43	5	40	Placenta praevia	Bipolar	Breech extraction	3	12	S/B	
936	32	3	40	Transverse lie : prolapsed arm	Internal	Breech extraction	9	6	L	
962	26	1	32	Transverse lie	Internal	Breech extraction	7	14	L	
1149	31	2	40	Placenta praevia : transverse lie	Bipolar	Breech extraction	3	15	S/B	
				Transverse lie : prolapsed arm	Internal	Breech extraction	4	4	L	2nd twin
1338	27	1	40+1	Prolapsed cord	Internal	Breech extraction	8	14	L	S/B
1592	39	6	40	Transverse lie : prolapsed arm	Internal	Breech extraction	8	12	L	S/B
2332	24	1	32	Placenta praevia	Bipolar	Breech extraction	2	15	L	S/B
2445	37	2+1	32	Transverse lie : Placenta praevia	Internal	Breech delivery	3	8	L	F.H.N.H. on admission
2496	39	3	40	Transverse lie	Internal	Assisted breech	7	10	L	S/B

There were no maternal deaths. 11 babies were still-born. Foetal mortality 56.5%.

Overall Foetal mortality 56.5%.

## CÆSAREAN SECTION.

91 patients were delivered by Cæsarean Section. Of these 53 were Booked cases and 38 Emergency cases.

### BOOKED CASES

Reg. No.	Grav- ida	Matu- rity	Indication	C.V.	Hours in Labour	Type of Section	Obstetric History	Previous C.S.	Weight Lbs.	Ozs.	Anæsthetic	Result C	Remarks
31.....25....	3.....40	Flat pelvis	.....	.....	4"	Nil	L.S.C.S.	2 previous C.S.	7.....6	.....O <sub>2</sub> ; Trilene; Ether	.....	.....L	.....Morbid
155.....21....	1.....40	G.C.P.	.....	.....	.....	17 hrs	L.S.C.S.	N/A	6.....9	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....	.....L	.....
225.....30....	1.....40+3	Cervical rigidity	.....	.....	.....	82 hrs	L.S.C.S.	N/A	10.....7	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....	.....L	.....Post mature: Length 21"
258.....39....	1.....40	Pelvic fibroid	.....	.....	.....	9 hrs	L.S.C.S.	N/A	6.....11	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....	.....L	.....Myomectomy: Post: Wall Fibroid
380.....35....	3.....40	Flat pelvis	.....	.....	3 $\frac{3}{4}$ "	Nil	L.S.C.S.	1 N/D S/B :1 C.S.	9.....0	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....Lochiametra
382.....27....	4.....40	Rachitic flat pelvis	.....	.....	—	Nil	L.S.C.S.	3 previous C.S.	6.....1	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....Post op.: Pulmonary collapse
402.....24....	4.....40	Contracted pelvis	.....	.....	—	Nil	L.S.C.S.	3 previous C.S.	8.....12	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....Poor pains
458.....26....	2.....40	Flat pelvis	.....	.....	3 $\frac{3}{4}$ "	6 hrs	L.S.C.S.	1 S/B N.D.	8.....14	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....
478.....31....	3.....39	Contracted pelvis	.....	.....	—	Nil	Classical	2 previous classical C.S.	6.....10	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....
496.....33....	4+1.....40	Contracted pelvis	.....	.....	—	Nil	L.S.C.S.	3 previous C.S.	6.....6	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....Sterilised: Rh. negative with antibodies: Foetal erythroblastosis: Blood transfusio-
590.....31....	2.....40	Contracted pelvis	.....	.....	2 $\frac{1}{2}$ "	Nil	L.S.C.S.	1 previous C.S.	7.....4	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....
593.....40....	4.....39	Obstetric history	.....	.....	—	Nil	Classical	3 previous C.S.	5.....8	.....Local and N <sub>2</sub> O; O <sub>2</sub>	.....L	.....L	.....
726.....30....	3.....39	Contracted pelvis	.....	.....	—	Nil	L.S.C.S.	2 previous C.S.	6.....1	.....CHCl <sub>3</sub> ; N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....
908.....31....	2+1.....40	Previous C/S; unstable presentation	.....	.....	Over 4 $\frac{1}{2}"$	Nil	L.S.C.S.	1 previous C.S.	7.....7	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....
957.....33....	1.....40	Uterine inertia . Cervical dystocia	.....	.....	4 $\frac{1}{2}"$	170 hrs	L.S.C.S.	N/A	.....	.....	.....	.....L	.....
969.....37....	4.....40	Old fractured pelvis ; Transverse lie	.....	.....	—	Nil	L.S.C.S.	3 vaginal deliveries : 1 alive	8.....3	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....Hypertension
997.....34....	4.....38	Previous obstetric history	.....	.....	3 $\frac{1}{2}"$	Nil	L.S.C.S.	3 previous C.S.	6.....6	.....Ethyl; CHL Ether; O <sub>2</sub>	.....L	.....L	.....
1159.....36....	3.....40	Rachitic flat pelvis	.....	.....	3 $\frac{1}{2}"$	Nil	L.S.C.S.	2 previous C.S.	8.....5	.....N <sub>2</sub> O; O <sub>2</sub> ; Ether	.....L	.....L	.....
1239.....27....	3.....39	Rachitic flat pelvis	.....	.....	3 $\frac{1}{2}"$	Nil	L.S.C.S.	2 previous C.S.	6.....6	.....C.A.	.....L	.....L	.....
1297.....25....	2.....40	G.C.P.	.....	.....	3 $\frac{1}{4}"$	Nil	L.S.C.S.	1 previous C.S.	7.....2	.....C.A.	.....L	.....L	.....
1301.....34....	3.....34	Preclamptic toxæmia	.....	.....	—	Nil	L.S.C.S.	2 previous C.S.	4.....8	.....Local C.A.	.....L	.....L	.....
1367.....35....	4.....40	Bad obstetric history	.....	.....	—	Nil	L.S.C.S.	2 previous C/S/B:	8.....4	.....G.A.	.....L	.....L	.....
1494.....34....	5.....32	Toxic ileus	.....	.....	—	Nil	Classical	Not relevant	4.....6	.....C.A.	.....L	.....L	.....D.....S/B.....See Maternal Deaths
1514.....41....	6.....36	G.C.P.	.....	.....	—	Not recorded	L.S.C.S.	2 S/B. F.D. 1 Ind.	5.....11	.....G.A.	.....L	.....L	.....L.....D.....F.T. F.D. S/B.....Foetal intestinal obstruction from peritoneal band
1541.....25....	1.....40	Rachitic flat pelvis	.....	.....	3 $\frac{1}{2}"$	Nil	L.S.C.S.	N/A	7.....1	.....C.A.	.....L	.....L	.....
1595.....40....	1.....36	Diabetes mellitus	.....	.....	3 $\frac{1}{2}"$	Nil	Classical	N/A	5.....7	.....C.A.	.....L	.....L	.....Fibroids
1632.....32....	2.....40	Rachitic flat pelvis	.....	.....	3 $\frac{1}{2}"$	19 $\frac{1}{2}$ hrs	L.S.C.S.	1 Forceps A & W: 6 lbs. 15 ozs.	8.....15	.....C.A.	.....L	.....L	.....
1825.....35....	2.....40	Cervical dystocia	.....	.....	—	5 hrs	L.S.C.S.	1 F.T. S/B: 1 F.T. F.D. S/B	9.....2	.....C.A.	.....L	.....L	.....Surgical induction unsuccessful
1834.....32....	1.....40+2	Contracted pelvis	.....	.....	3 $\frac{3}{4}"$	15 hrs	L.S.C.S.	N/A	8.....4	.....C.A.	.....L	.....L	.....
1846.....25....	1.....40	Contracted pelvis	.....	.....	3 $\frac{3}{4}"$	16 $\frac{1}{2}$ hrs	L.S.C.S.	N/A	7.....8 $\frac{1}{2}$	.....C.A.	.....L	.....L	.....
1861.....45....	7.....40	Placenta prævia	.....	.....	Nil	N/A	N/A	N/A	8.....14 $\frac{1}{2}$	.....C.A.	.....L	.....L	.....

# CÆSAREAN SECTION (Continued).

## BOOKED CASES

Reg. No.	Age	Grav-ida	Maturity	Indication	C.V.	Hours in Labour	Type of Section	Obstetric History	Previous C.S.	Anæsthetic	Weight Lbs. Ozs.	Result M	Result C	Remarks	
1884.....29.....	5.....	39.....	.....	Contracted pelvis	.....	3 $\frac{3}{4}$ "	10 hrs.	Classical.....	4 previous C.S.	.....	6.....13.....	C.A.	.....	.....	
1921.....33.....	1.....	40.....	.....	Contracted pelvis	.....	3 $\frac{1}{2}$ "	Nil	L.S.C.S. ....	N/A	.....	6.....0.....	C.A.	.....	.....	
1986.....29.....	2.....	40.....	.....	Contracted pelvis	.....	—	Nil	L.S.C.S. ....	1 L.S.C.S.	.....	6.....14.....	C.A.	.....	.....	
1988.....31.....	1.....	40.....	.....	Contracted pelvis	.....	—	36 hrs.	L.S.C.S. ....	N/A	.....	7.....14.....	C.A.	.....	.....	
1989.....34.....	2.....	40.....	.....	Placenta praevia	.....	—	Nil	L.S.C.S. ....	1 F.T. N.D.	.....	8.....3.....	C.A.	.....	.....	
1998.....32.....	3.....	40.....	.....	Contracted pelvis	.....	—	—	Nil	L.S.C.S. ....	A & W	.....	6.....12.....	G.A.	.....	.....
2071.....42.....	4.....	40.....	.....	Distorted pelvis	.....	—	—	Nil	C.S. S/B; 1 C.S. A & W	.....	5.....9 $\frac{1}{2}$ .....	C.A.	.....	.....	
2136.....26.....	1.....	40.....	.....	Flat pelvis	.....	3 $\frac{1}{2}$ "	19 $\frac{1}{2}$ hrs.	L.S.C.S. ....	N/A	.....	5.....14.....	Local and G.A.	.....	.....	
2160.....34.....	2.....	40.....	.....	Flat pelvis	.....	—	10 hrs.	L.S.C.S. ....	1 previous C.S.	.....	7.....9 $\frac{1}{2}$ .....	C.A.	.....	.....	
2162.....21.....	1.....	40.....	.....	Placenta praevia	.....	—	Nil	L.S.C.S. ....	N/A	.....	8.....2 $\frac{1}{2}$ .....	C.A.	.....	.....	
2165.....28.....	1.....	40.....	.....	Flat pelvis	.....	3 $\frac{3}{4}$ "	8 $\frac{1}{2}$ hrs.	L.S.C.S. ....	N/A	.....	5.....9.....	C.A.	.....	.....	
2185.....29.....	1.....	39.....	.....	G.C.P.	.....	3 $\frac{3}{4}$ "	11 $\frac{1}{2}$ hrs.	L.S.C.S. ....	N/A	.....	5.....7.....	C.A.	.....	.....	
2193.....37.....	3.....	40.....	.....	G.C.P.	.....	—	Nil	L.S.C.S. ....	2 previous C.S.	.....	7.....10.....	G.A.	.....	.....	
2196.....22.....	1.....	40.....	.....	G.C.P.	.....	3 $\frac{3}{4}$ "	17 $\frac{1}{2}$ hrs.	L.S.C.S. ....	N/A	.....	7.....4.....	G.A.	.....	.....	
2236.....41.....	1.....	40.....	.....	G.C.P.	.....	—	33 $\frac{1}{2}$ hrs.	L.S.C.S. ....	N/A	.....	7.....11.....	G.A.	.....	.....	
2282.....23.....	5.....	40.....	.....	G.C.P.	.....	—	Nil	L.S.C.S. ....	4 C.S.	.....	7.....10.....	G.A.	.....	.....	
2321.....30.....	1.....	36.....	.....	Diabetes and Hydramnios	.....	—	—	Nil	L.S.C.S. ....	N/A	.....	4.....12.....	C.A.	.....	.....
2393.....22.....	2.....	39.....	.....	G.C.P.	.....	—	—	Nil	L.S.C.S. ....	1 C.S.	.....	7.....14.....	C.A.	.....	.....
2395.....29.....	2.....	38.....	.....	Rachitic flat pelvis	.....	—	—	Nil	L.S.C.S. ....	1 C.S.	.....	5.....1 $\frac{1}{2}$ .....	C.A.	.....	.....
2441.....37.....	1.....	40.....	.....	Rachitic flat pelvis	.....	3 $\frac{3}{4}$ "	42 hrs.	L.S.C.S. ....	N/A	.....	9.....4.....	C.A.	.....	.....	
2543.....29.....	1.....	40.....	.....	Rachitic flat pelvis	.....	2 $\frac{3}{4}$ "	Nil	L.S.C.S. ....	N/A	.....	6.....4.....	C.A.	.....	.....	
2555.....24.....	2.....	40.....	.....	G.C.P.	.....	—	—	Nil	L.S.C.S. ....	1 previous C.S.	.....	7.....7.....	G.A.	.....	.....

There was 1 Maternal Death.

3 Infants died or were still-born.

## EMERGENCY CASES

140.....19.....	1.....	40.....	.....	Cardiac disease	.....	—	Nil	Classical.....	N/A	.....	6.....12.....	Local and Gas/Oxygen	.....	.....
203.....23.....	1.....	40+1	.....	Severe Toxaemia	.....	—	—	Classical.....	N/A	.....	8.....2.....	Not recorded	.....	.....
252.....29.....	1.....	40+2	.....	Cervical rigidity	.....	—	103 hrs.	L.S.C.S. ....	N/A	.....	7.....12.....	N <sub>2</sub> O: O <sub>2</sub> : Ether	.....	.....
268.....31.....	2.....	40	.....	Prolapsed cord	.....	—	10 hrs.	L.S.C.S. ....	1 N/D: A & W	.....	6.....10.....	N <sub>2</sub> O: O <sub>2</sub> : Ether	.....	.....
294.....22.....	1.....	40+2	.....	Breech	.....	4 $\frac{1}{2}$ "	?	L.S.C.S. ....	N/A	.....	8.....9.....	N <sub>2</sub> O: O <sub>2</sub> : Ether	.....	.....
296.....34.....	2.....	40	.....	Placenta praevia	.....	—	Nil	Classical.....	N/D: A & W	.....	7.....1.....	Rt. Salpingo-oophorectomy	.....	.....
337.....33.....	7.....	40.....	.....	Placenta praevia	.....	—	?	L.S.C.S. ....	7 N/D: A & W	.....	8.....6.....	Myomectomy.	.....	.....
550.....30.....	2.....	40	.....	Placenta praevia	.....	—	Nil	L.S.C.S. ....	1 N/D	.....	6.....14.....	N <sub>2</sub> O: O <sub>2</sub> : Ether	.....	.....
611.....33.....	1.....	40+1	.....	Contracted pelvis	.....	—	18 $\frac{1}{2}$ hrs.	L.S.C.S. ....	N/A	.....	7.....3.....	N <sub>2</sub> O: O <sub>2</sub> : Ether	.....	.....
677.....38.....	1.....	40	.....	Elderly primipara: high head.	.....	3 $\frac{1}{2}$ "	?	L.S.C.S. ....	N/A	.....	6.....8.....	N <sub>2</sub> O: O <sub>2</sub> : Ether	.....	.....
730.....31.....	2.....	40	.....	Previous classical C.S.	.....	—	12 hrs.	L.S.C.S. ....	1 Classical C.S.	.....	8.....11.....	CHCL <sub>3</sub> : O <sub>2</sub> : Ether	.....	.....

Maternal Mortality 1.9%.

Fœtal Mortality 5.7%.

See Maternal Deaths

Classical C.S. at another hospital

## CÆSAREAN SECTION (Continued).

### EMERGENCY CASES

Reg. No.	Age	Gravida	Maturity	Indication	C.V.	Hours in Labour	Type of Section	Obstetric History	Previous History	Weight Lbs. Ozs.	Anæsthetic	Result M C	Remarks
772.....29.....1.....40	....	....	....	Uterine inertia : cervical dystocia	....	....	91 hrs.....L.S.C.S. ....N/A	....	....	6.....15	....N <sub>2</sub> O: O <sub>2</sub> : Ether	....L.....L	....Morbid
825.....34.....2+1.....34	....	....	....	Placenta praevia	....	....	Nil.....L.S.C.S. ....1 N/D; A & W	....	....	5.....0	....N <sub>2</sub> O: O <sub>2</sub> : Ether	....L.....L	....
943.....26.....1.....34	....	....	....	Placenta praevia	....	....	Nil.....L.S.C.S. ....1 misc.	....	....	6.....8 <sup>1</sup> <sub>2</sub>	....N <sub>2</sub> O: O <sub>2</sub> : Ether	....L.....L	....
980.....39.....1.....40	....	....	....	Placenta praevia	....	....	15 hrs.....L.S.C.S. ....N/A	....	....	5.....5	....Not recorded	....L.....L	....Toxæmia
1064.....39.....4.....30	....	....	....	Contracted pelvis	....	....	Nil.....L.S.C.S. ....2 Forceps S/B:	....	....	7.....12	....CHCL <sub>3</sub> : N <sub>2</sub> O: O <sub>2</sub> :	....L.....L	....
1162.....42.....5.....39	....	....	....	Contracted pelvis	....	....	Nil.....C.S. A & W	....	....	15	....Ether	....L.....L	....Prolapsed Cord: Presentation
1181.....35.....1.....39	....	....	....	Breech presentation : age	....	....	Nil.....Classical.....2 Forceps 2 C.S.	....	....	6.....15	....N <sub>2</sub> O: O <sub>2</sub> : Ether	....L.....L	....Breech
1276.....36.....5.....35	....	....	....	Placenta praevia	....	....	Nil.....L.S.C.S. ....N/A	....	....	6.....9	....CHCL <sub>3</sub> and Ether and O <sub>2</sub>	....L.....L	....
1340.....26.....1.....40+2	....	....	....	Inertia : foetal and maternal distress	....	....	Nil.....Classical.....4 F.T. N.D.	....	....	5.....1	....G.A.	....L.....D	....Transfusion
1371.....24.....2.....40	....	....	....	Placenta praevia	....	....	80 hrs.....L.S.C.S. ....N/A	....	....	8.....0	....G.A.	....L.....S/B	....Post mature
1400.....34.....1.....40	....	....	....	Rachitic flat pelvis	....	....	7 hrs.....L.S.C.S. ....1 F.T. N.D.: A & W	....	....	10.....0	....G.A.	....L.....S/B	....
1433.....42.....1+3.....40	....	....	....	Bad obstetric history	....	....	Nil.....L.S.C.S. ....N/A	....	....	7.....0	....G.A.	....L.....S/B	....Toxæmia : high head
1689.....24.....1.....40	....	....	....	Placenta praevia	....	....	Nil.....L.S.C.S. ....3 miscarriages	....	....	9.....9	....G.A.	....L.....S/B	....
1692.....39.....5+19..38	....	....	....	Placenta praevia	....	....	Nil.....L.S.C.S. ....N/A	....	....	6 <sup>1</sup> <sub>2</sub> .....6 <sup>1</sup> <sub>2</sub>	....G.A.	....L.....S/B	....Cervical fibroid
1707.....27.....1.....40	....	....	....	Flat pelvis	....	....	Nil.....Classical.....19 misc.: 5 F.T. N.D.	....	....	4.....8	....G.A.	....L.....D	....
1958.....25.....1.....40	....	....	....	Funnel pelvis : breech :	....	....	100 hrs.....L.S.C.S. ....N/A	....	....	1.....1	....G.A.	....L.....D	....
1960.....31.....2.....38	....	....	....	Prolapsed cord	....	....	10 <sup>1</sup> hrs.....L.S.C.S. ....N/A	....	....	7.....8	....G.A.	....L.....D	....
1983.....27.....3.....40	....	....	....	Placenta praevia	....	....	Nil.....L.S.C.S. ....1 F.T. F.D.: A & W	....	....	7.....0	....G.A.	....L.....S/B	....Profuse bleeding Followed E.U.A.
2003.....28.....1.....40	....	....	....	Placenta praevia	....	....	3 <sup>3</sup> / <sub>4</sub> hrs.....Classical.....2 F.T. N.D.: A & W	....	....	8.....6	....G.A.	....L.....S/B	....
2059.....32.....1.....36	....	....	....	Contracted pelvis	....	....	47 hrs.....L.S.C.S. ....N/A	....	....	6.....6	....G.A.	....L.....D	....
2064.....24.....2.....40	....	....	....	Fœtal distress : cervical dystocia	....	....	33 <sup>1</sup> / <sub>2</sub> hrs.....L.S.C.S. ....N/A	....	....	6.....6	....G.A.	....L.....D	....
2161.....25.....1+2.....40	....	....	....	Large baby . cervical dystocia	....	....	47 hrs.....L.S.C.S. ....1 F.T. F.D.: died	....	....	13.....7	....G.A.	....L.....D	....
2228.....27.....4.....33	....	....	....	Cervical dystocia	....	....	71 hrs.....L.S.C.S. ....2 miscarriages	....	....	0.....0	....G.A.	....L.....D	....
2284.....19.....1.....32	....	....	....	Placenta praevia	....	....	Nil.....L.S.C.S. ....3 miscarriages	....	....	3.....1 <sup>1</sup> <sub>2</sub>	....G.A.	....L.....D	....
2293.....34.....1+2.....40	....	....	....	Placenta praevia	....	....	Nil.....L.S.C.S. ....N/A	....	....	4.....4	....G.A.	....L.....D	....
2449.....22.....1.....39	....	....	....	Cervical dystocia	....	....	113 hrs.....L.S.C.S. ....N/A	....	....	9.....2	....G.A.	....L.....D	....
2568.....37.....2.....36	....	....	....	Placenta praevia	....	....	8 hrs.....L.S.C.S. ....N/A	....	....	6.....6	....G.A.	....L.....D	....
				Placenta praevia	....	....	Nil.....L.S.C.S. ....1 F.T. N.D.	....	....	8.....4 <sup>1</sup> <sub>2</sub>	....G.A.	....L.....D	....

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There was 1 Maternal Death.  
9 Infants died or were still-born.

Maternal Mortality 2.6%.  
Fœtal Mortality 23.7%.

Overall Maternal Mortality 2.2%.  
Overall Fœtal Mortality 13.2%.

## CÆSAREAN SECTION ANALYSIS.

This operation was performed on 91 occasions. 79 were Lower Segment Sections and 12 Classical. 29 were repeat sections.

### Indications:

			Booked	Emergency	Total
Contracted Pelvis	.....	.....	35	7	42
Placenta prævia	.....	.....	3	16	19
Obstetric history	.....	.....	7	3	10
Breech	.....	.....	—	2	2
Uterine inertia and cervical dystocia	.....	.....	3	6	9
Prolapsed cord	.....	.....	—	1	1
Diabetes mellitus	.....	.....	2	—	2
Toxæmia	.....	.....	1	1	2
Cardiac disease	.....	.....	—	1	1
Fibroid obstructing delivery	.....	.....	1	—	1
Ileus	.....	.....	1	—	1
Elderly primigravida	.....	.....	—	1	1
			—	—	—
			53	38	91
			—	—	—

### Booked:

Lower Segment .....	48	}
Classical ..... 5		

### Emergency:

Lower Segment .....	31	}
Classical ..... 7		

### Anæsthetics:

General .....	84	Local + General .....	3
Local ..... 1		Not recorded .....	3

### Mortality:

### Cases:

Booked .....	53	Maternal deaths .....	1	Maternal mortality	1.9%
		Fœtal deaths .....	3	Fœtal mortality	5.7%
Emergency .....	38	Maternal deaths .....	1	Maternal mortality	2.6%
		Fœtal deaths .....	9	Fœtal mortality	23.7%
<b>Overall Mortality</b>	<b>91</b>	<b>Maternal deaths .....</b>	<b>2</b>	<b>Maternal mortality</b>	<b>2.2%</b>
		Fœtal deaths .....	12	Fœtal mortality	13.2%

**CÆSAREAN SECTION ANALYSIS (Continued).****Lower Segment Section—**

	Cases			
Booked .....	48	Maternal deaths .....	Nil	Maternal mortality 0.0%
		Fœtal deaths .....	2	Fœtal mortality 4.2%
Emergency .....	31	Maternal deaths .....	Nil	Maternal mortality 0.0%
		Fœtal deaths .....	7	Fœtal mortality 22.6%
<b>Overall mortality</b>	<b>79</b>	<b>Maternal deaths .....</b>	<b>Nil</b>	<b>Maternal mortality 0.0%</b>
		<b>Fœtal deaths .....</b>	<b>9</b>	<b>Fœtal mortality 11.4%</b>

**Classical Section—**

Booked .....	5	Maternal deaths .....	1	Maternal mortality 20.0%
		Fœtal deaths .....	1	Fœtal mortality 20.0%
Emergency .....	7	Maternal deaths .....	1	Maternal mortality 14.3%
		Fœtal deaths .....	2	Fœtal mortality 28.6%
<b>Overall mortality</b>	<b>12</b>	<b>Maternal deaths .....</b>	<b>2</b>	<b>Maternal mortality 16.7%</b>
		<b>Fœtal deaths .....</b>	<b>3</b>	<b>Fœtal mortality 25.0%</b>

## OTHER OPERATIONS PERFORMED.

### BOOKED CASES

Reg. No.	Age	Grav- ida	Matu- rity	Indication	Operation	Result M C	Remarks
270.....32....	1 .....	40	.....	.....	.....	.....	.....
				..... Extra uterine gestation	.....	.....	.....
332.....26....	1 .....	40	.....	Pedunculated cervical fibroid	.....	.....	.....
348.....28....	1 .....	39	.....	Ovarian cyst (Dermoid)	.....	.....	.....
870.....35....	3 .....	13	.....	Disseminated sclerosis	.....	.....	.....
942.....24....	1 .....	22	.....	Pulmonary tuberculosis	.....	.....	.....
1179.....22....	2 .....	28	.....	Mitral stenosis : Aortic regurgitation	.....	.....	.....
1268.....31....	1 .....	40+2	.....	Failed forceps : intra uterine death	.....	.....	.....
1617.....24....	2 .....	38	.....	Hydrocephalus	.....	.....	.....
1920.....22....	1 .....	13	.....	Cardiac disease	.....	.....	.....
1922.....26....	1 .....	10	.....	Pelvic tuberculosis	.....	.....	.....
2147.....30....	1 .....	12	.....	Pulmonary tuberculosis	.....	.....	.....
2254.....19....	1 .....	40	.....	Hydrocephalus	.....	.....	.....
2268.....25....	2 .....	24	.....	Chronic nephritis	.....	.....	.....
2499.....25....	1 .....	37	.....	Hydrocephalus	.....	.....	.....

.....(1) Extraction of child : (2) removal of placenta .....L ..D .....Deformities of skull : lived  $\frac{1}{2}$  hour  
 9 hours later because of primary internal haemorrhage

..... Removal (during puerperium) .....L ..L .....Mitral stenosis

..... Ovarian cystectomy .....L ..L .....Forceps delivery at term

..... Abdominal hysterotomy and sterilisation .....L ..Ab ..Severe disease

..... Abdominal hysterotomy .....L ..Ab ..

..... Abdominal hysterotomy .....D ..Ab ..

..... Perforation and extraction .....L ..S/B ..Toxaemia

..... Perforation and forceps extraction .....L ..S/B ..

..... Abdominal hysterotomy and sterilisation .....L ..Ab ..

..... Evacuation of uterus .....L ..Ab ..

..... Abdominal hysterotomy .....L ..Ab ..

..... Paracentesis capitis .....L ..S/B ..

..... Abdominal hysterotomy and sterilisation .....L ..Ab ..

..... Paracentesis capitis .....L ..S/B ..

## OTHER OPERATIONS PERFORMED (Continued).

### EMERGENCY CASES

Reg. No.	Age	Grav- ida	Matu- rity	Indication	Operation	Result M C	Remarks
12.....28.....2.....	.....2.....	.....2.....	14	Pulmonary tuberculosis .....	Evacuation of uterus .....	.....L.....	
34.....21.....—.....	.....2.....	—.....	—	Menorrhagia and metrorrhagia .....	D. & C. ....	.....L.....	
109.....27.....,2.....	.....2.....	,2.....	?	2nd degree perineal laceration .....	Suture .....	.....L.....	Lacerated before admission
309.....48.....3.....	.....3.....	3.....	?	Menorrhagia .....	D. & C. ....	.....L.....	
492.....31.....?.....	.....?.....	?	?	Inversion of uterus .....	Manual replacement .....	.....L.....	
689.....29.....1.....	.....1.....	1.....	25	Incomplete abortion .....	Evacuation of uterus .....	.....L.....	
1028.....49.....11.....	.....11.....	11.....	12	Hydatidiform mole .....	Evacuation of uterus .....	.....L.....	
1032.....32.....12.....	.....12.....	12.....	10	Pulmonary tuberculosis .....	Abdominal hysterectomy .....	.....L.....	
1044.....33.....2.....	.....3.....	2.....	40	Retained cotyledon .....	Evacuation of uterus .....	.....L.....	
1257.....33.....3.....	.....3.....	3.....	40+2	Impacted transverse lie .....	Decapitation .....	.....L.....	
1346.....32.....1.....	.....1.....	1.....	40	C.L.P. following forceps outside .....	Perineal repair .....	.....L.....	
1408.....27.....1.....	.....1.....	1.....	?	C.L.P. following delivery outside .....	Perineal repair .....	.....L.....	
1499.....36.....6.....	.....6.....	6.....	16	C.L.P. .....	Perineal repair .....	.....L.....	
1510.....39.....2.....	.....2.....	2.....	24	Ovarian tumour .....	Right salpingo-oophorectomy .....	.....L.....	
1689.....24.....1.....	.....1.....	1.....	40	Placenta praevia : cervical fibroid .....	Cæsarean myomectomy .....	.....L.....	
1713.....33.....2+1.....	.....2+1.....	?	?	Menorrhagia .....	D. & C. ....	.....L.....	Probably not pregnant
1737.....32.....2.....	.....2.....	2.....	16	Incomplete abortion .....	Evacuation of uterus .....	.....L.....	
1911.....27.....1+1.....	.....1+1.....	1+1.....	40+1	I.U.D. : incompletely dilated cervix : prolonged labour .....	Perforation : cleidotomy : extraction .....	.....L.....	
1977.....30.....2.....	.....2.....	2.....	40	Secondary P.P.H.: retained placental cotyledon .....	Evacuation of uterus .....	.....L.....	
2025.....41.....2.....	.....2.....	2.....	40	Cervical polypus .....	Excision .....	.....L.....	
2112.....22.....1.....	.....1.....	1.....	16	Progressive pulmonary tuberculosis .....	Abdominal hysterectomy .....	.....L.....	
2118.....25.....2.....	.....2.....	2.....	16	Progressive pulmonary tuberculosis .....	Abdominal hysterectomy .....	.....L.....	
2168.....32.....3.....	.....3.....	3.....	20	Cardiac disease .....	Subtotal hysterectomy .....	.....L.....	
2230.....39.....9.....	.....9.....	9.....	40	Failed forceps : ruptured uterus .....	Evacuation of uterus .....	.....D.....	
2272.....22.....2.....	.....2.....	2.....	?	Retained placental cotyledons .....	Abd. hysterotomy and sterilisation .....	.....L.....	
2344.....26.....1.....	.....1.....	1.....	28	Chronic nephritis .....	Decapitation and perforation .....	.....L.....	Morbid
2433.....31.....3.....	.....3.....	3.....	39	Impacted transverse lie .....	Repair .....	.....L.....	2nd of twins
2456.....28.....2.....	.....2.....	2.....	?	Complete laceration of perineum .....	Repair .....	.....L.....	
2457.....21.....1.....	.....1.....	1.....	?	Complete laceration of perineum .....	Repair .....	.....L.....	
2479.....29.....2.....	.....2.....	2.....	?	Retained placental cotyledons .....	Evacuation of uterus .....	.....L.....	
2480.....29.....40+	.....40+.....	40+	?	Uterine inertia : I.U.D. : intra-partum infarction .....	Perforation : cleidotomy .....	.....L.....	
2538.....27.....2.....	.....2.....	2.....	?	Retained placental cotyledons .....	Evacuation of uterus .....	.....L.....	
2597.....24.....1.....	.....1.....	1.....	?	Complete laceration of perineum .....	Repair of laceration .....	.....L.....	—

## FœTAL ABNORMALITIES.

### **Booked Cases**

Hydrocephalus	.....	.....	.....	.....	3
Anencephaly	.....	.....	.....	.....	5
Spina bifida	.....	.....	.....	.....	2
Exomphalos	.....	.....	.....	.....	1
Imperforate anus	.....	.....	.....	.....	1
					— 12

### **Emergency Cases**

Hydrocephalus	.....	.....	.....	.....	1
Anencephaly	.....	.....	.....	.....	5
Spina bifida	.....	.....	.....	.....	2
Exomphalos	.....	.....	.....	.....	2
Hypospadias	.....	.....	.....	.....	1
Meningocele ,	.....	.....	.....	.....	1
Oesophageal Stricture and talipes	.....	.....	.....	.....	1
Tracheo-oesophageal fistula	.....	.....	.....	.....	1
					— 14

## BLOOD TRANSFUSION.

There were 139 Patients who required Blood Transfusion. Of these 52 were Booked cases and 87 were Emergency admissions.

### BOOKED CASES

Reg. No.	Age	Grav- ida	Matu- rity	Diagnosis	Condition before Transfusion	B.P. or Hb.	Amount given	B.P. or Hb. after Transfusion	M	C	Result	Remarks
61.....36.....	4.....	36.....	36.....	Hypochromic anaemia .....	Good .....	40% .....	4½ pints (packed cells)	60% .....	L .....	N/A .....	Discharged undelivered	
74.....28.....	1.....	40.....	40.....	Post partum anaemia .....	Fair .....	— .....	4 pints (packed cells)	70% .....	L .....	— .....	Toxæmia	
113.....32.....	2.....	40.....	40.....	Hypochromic anaemia .....	Good .....	30% .....	3 pints (packed cells)	60% .....	L .....	— .....		
154.....24.....	4.....	40.....	40.....	Hypochromic anaemia .....	Good .....	45% .....	Not recorded .....	— .....	L .....	D .....	Extra uterine gestation	
270.....32.....	1.....	40.....	40.....	Primary intra peritoneal haemorrhage .....	Poor .....	— .....	11 pints .....	— .....	L .....	D .....	Repeat C.S.	
382.....27.....	4.....	40.....	40.....	Post partum anaemia .....	Fair .....	45% .....	4 pints (packed cells)	65% .....	L .....	S/B .....	Mitral stenosis;	
390.....24.....	1.....	39.....	39.....	Ante and post partum anaemia .....	Fair .....	50% .....	2 x 2 pints .....	— .....	L .....	S/B .....	Broncho pneumonia	
402.....24.....	4.....	40.....	40.....	Post operative shock .....	Poor .....	— .....	1 pint .....	70% .....	L .....	— .....	Post op.(C.S.) pulmonary collapse	
430.....24.....	1.....	40.....	40.....	Post partum anaemia .....	Fair .....	— .....	Not recorded .....	— .....	L .....	— .....		
449.....30.....	4.....	40+1	40+1	Post partum anaemia .....	Good .....	54% .....	50% .....	— .....	L .....	— .....		
452.....32.....	2.....	38.....	38.....	Ante partum anaemia .....	Fair .....	50% .....	48% .....	— .....	L .....	— .....		
466.....28.....	1.....	40.....	40.....	P.P.H.: retained placenta .....	Fair .....	— .....	— .....	— .....	L .....	— .....	Multiple pregnancy	
478.....31.....	3.....	39.....	39.....	Post partum anaemia .....	Fair .....	56% .....	4 pints .....	— .....	L .....	— .....	Repeat C.S.	
513.....28.....	1.....	40.....	40.....	P.P.H.: shock .....	Poor .....	75% .....	2 pints .....	— .....	L .....	— .....	Uterine inertia; Forceps delivery	
545.....33.....	5.....	36.....	36.....	Retained twin placenta: haemorrhage .....	Poor .....	— .....	4 pints .....	— .....	L .....	— .....	Second placenta adherent	
546.....24.....	2.....	34.....	34.....	Post partum anaemia .....	Poor .....	— .....	3 pints .....	— .....	L .....	— .....		
590.....31.....	2.....	40.....	40.....	Post partum anaemia .....	Fair .....	49% .....	2 pints .....	— .....	L .....	— .....	L.S.C.S.	
662.....25.....	3+1.....	40.....	40.....	Ante partum anaemia .....	Good .....	48% .....	2 pints .....	— .....	L .....	— .....		
729.....37.....	4.....	40.....	40.....	A.P.H. ....	Fair .....	130/90 .....	2 pints .....	— .....	S/B .....	— .....		
908.....31.....	2+1.....	40.....	40.....	Ante partum anaemia .....	Fair .....	60% .....	3 pints .....	— .....	L .....	— .....	Caesarean section	
959.....28.....	2.....	40.....	40.....	Post partum anaemia .....	Fair .....	40% .....	2 pints .....	— .....	L .....	— .....		
1021.....26.....	1.....	38.....	38.....	Post partum anaemia .....	Fair .....	40% .....	2 pints .....	— .....	L .....	— .....		
1038.....30.....	1.....	40.....	40.....	Post partum anaemia .....	Fair .....	43% .....	2 pints .....	— .....	L .....	— .....		
1198.....22.....	1.....	40.....	40.....	Obstetric shock .....	Fair .....	70% .....	2 pints .....	— .....	L .....	— .....	Forceps delivery	
1254.....33.....	8.....	40+1	40+1	Hæmorrhage .....	Fair .....	67% .....	3 pints .....	— .....	L .....	— .....		
1286.....28.....	1.....	40.....	40.....	Post partum anaemia .....	Good .....	67% .....	2 pints .....	— .....	L .....	— .....		
1367.....35.....	4.....	40.....	40.....	Ante partum anaemia : P.P.H. ....	Fair .....	39% .....	4 pints + 3 pints .....	— .....	L .....	— .....	62% .....	
1414.....30.....	4+1.....	40.....	40.....	Ante partum anaemia .....	Good .....	— .....	2 pints .....	— .....	L .....	— .....		
1491.....24.....	2.....	40.....	40.....	P.P.H. ....	Fair .....	— .....	1 pint .....	— .....	L .....	— .....	65% .....	
1497.....40.....	7+1.....	34.....	34.....	Ante partum anaemia .....	Fair .....	52% .....	3 pints .....	— .....	L .....	— .....		
1543.....29.....	3.....	40.....	40.....	Post partum anaemia .....	Fair .....	29% .....	3 pints + 2 pints .....	— .....	L .....	— .....	60% .....	
1551.....33.....	1.....	40.....	40.....	Placenta prævia .....	Fair .....	— .....	2 pints .....	— .....	L .....	— .....	120/70 .....	
1595.....40.....	1.....	36.....	36.....	Post operative shock .....	Fair .....	100/50 .....	1 pint .....	— .....	L .....	— .....		
1634.....21.....	2.....	37.....	37.....	Ante partum anaemia .....	Fair .....	42% .....	1 pint + 3 pints .....	— .....	L .....	— .....		
1718.....31.....	1.....	36.....	36.....	P.P.H. ....	Fair .....	Good .....	2 pints .....	— .....	L .....	— .....		
1808.....32.....	2.....	40+2	40+2	Retained placenta : P.P.H. ....	Fair .....	Not recorded .....	— .....	— .....	L .....	— .....		
1818.....22.....	1.....	40.....	40.....	Post partum anaemia .....	Poor .....	— .....	2 pints .....	— .....	L .....	— .....		
1950.....27.....	4.....	40.....	40.....	Post partum anaemia .....	Good .....	— .....	1 pint (packed cells) .....	— .....	L .....	— .....		
1955.....29.....	1+1.....	40.....	40.....	Post partum anaemia .....	Good .....	— .....	1 pint (packed cells) .....	— .....	L .....	— .....		

# BLOOD TRANSFUSION (Continued).

BOOKED CASES				Reg. No.	Age	Crav- ida	Maturity	Diagnosis	Condition before Transfusion	B.P. or Hb.	Amount given	B.P. or Hb. after Transfusion	Result	Remarks
2002	21	1	39	P.P.H.	Poor	60/?	1 pint	90/50	L	L	.....	.....	.....	.....
2142	34	1	37	Post partum anaemia	Fair	45%	2 pints (packed cells)	62% —	L	L	.....	.....	.....	.....
2211	40	3	36	Ante partum anaemia	Fair	42%	3 pints (packed cells)	—	L	L	.....	.....	.....	.....
2216	34	3	40	Ante partum anaemia	Fair	44%	Not recorded	—	L	L	.....	.....	.....	.....
2220	26	1	40	Post partum anaemia	Fair	40%	3 pints	—	L	L	.....	.....	.....	.....
2269	21	2	40	Ante partum anaemia	Good	40%	2 pints	61% 104/78	L	N/A	.....	.....	.....	.....
2277	32	2	38	Post partum haemorrhage	Fair	80/?	3 pints	—	L	L	.....	.....	.....	.....
2321	30	1	36	Post partum anaemia	Good	62% —	1½ pints	—	L	N/A	.....	.....	.....	.....
2362	25	1	16	Ante partum anaemia	Fair	45%	2 pints	—	L	N/A	.....	.....	.....	.....
2365	33	4	34	Ante partum anaemia	Fair	36%	3 pints	60% —	L	L	.....	.....	.....	.....
2371	43	1	38	Ante partum anaemia	Good	45%	1 pint (packed cells)	51% —	L	D	.....	.....	.....	.....
2431	20	1	30	Post partum haemorrhage	Fair	60/?	4 + 3 pints	70% —	L	D	.....	.....	.....	.....
2595	27	1	39	Post partum anaemia	Fair	70/40	2 + 2 pints	110/70	L	D	.....	.....	.....	.....

There were no Maternal deaths. Out of 51 Babies born, 5 died or were still-born.

Fœtal mortality 9.8%.

## EMERGENCY CASES

24	35	1	40	Puerperal anaemia	Fair	45%	2 pints	—	L	L	.....	.....	.....	.....
29	21	1	40	Post partum anaemia	Fair	40%	3 pints	—	L	L	.....	.....	.....	.....
109	27	2	?	Hæmorrhage	Fair	90/60	1 pint	—	S/B	2 pints plasma	.....	.....	.....	.....
183	28	2	N/A	Hæmorrhage	Fair	100/60	3 pints	—	S/B	Baby S/B outside	.....	.....	.....	.....
204	28	1+1	40+2	F.F.O.	Fair	100/70	3 pints	—	S/B	1 pint Plasma	.....	.....	.....	.....
234	39	1+1	34	Hæmorrhage	Fair	58%	2 pints	—	N/A	Retained placenta	.....	.....	.....	.....
244	29	1	37	Ante partum anaemia	Fair	34%	1½ pints (packed cells)	—	L	—	.....	.....	.....	.....
245	22	1	36	Ante partum anaemia	Fair	34%	1 pint	—	L	—	.....	.....	.....	.....
269	22	1	38	F.F.O.	Poor	50%	1 pint	—	L	—	.....	.....	.....	.....
281	23	1	39	P.P.H. : retained placenta	Poor	70/50	3 pints	—	L	—	.....	.....	.....	.....
296	34	2	40	Obstetric shock	Poor	37%	4 pints	—	D	See Maternal Deaths	.....	.....	.....	.....
388	22	1	40	Secondary P.P.H.	Poor	29%	3 pints (packed cells)	—	L	N/A	.....	.....	.....	.....
492	31	?	40	Inverted uterus and sepsis	Poor	70/40	2 pints	—	L	—	.....	.....	.....	.....
554	39	4	40	Post partum collapse	Fair	90/60	1 pint	—	S/B	Toxæmia	.....	.....	.....	.....
657	32	1	40	Placenta prævia	Poor	155/110	2 pints	—	—	—	.....	.....	.....	.....
745	26	1	37	Accidental haemorrhage	Poor	42%	—	—	—	—	—	—	—	—
790	23	1	40	P.P.H.	Fair	95/60	3 pints	—	L	S/B	.....	.....	.....	.....
815	23	1	31	Ante and Post partum haemorrhage	Poor	160/100	3 pints + 2 pints (packed cells)	62% 35%	L	L	.....	.....	.....	.....
825	34	2+1	34	Ante partum haemorrhage	Poor	—	4 + 2 pints	—	L	L	.....	.....	.....	.....
826	19	1	36	Ante and Post partum haemorrhage	Fair	—	3 + 1 pints	60% 42%	L	S/B	.....	.....	.....	.....
833	38	8	?	Post partum haemorrhage	Fair	—	2 pints	—	L	N/A	Admitted after delivery	.....	.....	.....

## BLOOD TRANSFUSION (Continued).

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EMERGENCY CASES				Reg. No.	Grav- ida	Matu- rity	Diagnosis	Condition before Transfusion	B.P. or Hb.	Amount given	B.P. or Hb. after Transfusion	M	C	Result	Remarks
889	28	3	40	.....	Secondary P.P.H.	.....	.....	Fair	70/50	.....	L	.....	.....	.....	
892	42	4	32	.....	Placenta praevia	.....	.....	Poor	60/?	3 pints	S/B	.....	.....	.....	
958	31	7	20	.....	Inevitable abortion	.....	.....	Poor	76/42	2 pints	Ab	.....	.....	.....	
962	26	1	32	.....	Placenta praevia	.....	.....	Fair	118/70,	4 pints	S/B	.....	.....	.....	
1015	47	6	36	.....	P.P.H.	.....	.....	Poor	50/?	2 pints	L	.....	.....	.....	
1020	23	1	38	.....	Retained placenta	.....	.....	Poor	100/50	Not recorded	N/A	.....	.....	.....	
1045	27	2	38	.....	Accidental haemorrhage : shock	.....	.....	Fair	110/70	2 pints	S/B	.....	.....	.....	
1047	31	2+1	34	.....	Placenta praevia	.....	.....	Fair	110/70	Not recorded	S/B	.....	.....	.....	
1083	28	4	36	.....	Ante partum anaemia	.....	.....	Fair	39%	3 pints	.....	.....	.....	.....	
1091	26	1	39	.....	Post partum anaemia	.....	.....	Fair	49%	2 pints	.....	.....	.....	.....	
1119	40	7+1	40	.....	..... Ante partum haemorrhage	.....	.....	Poor	90/?	5 pints	.....	.....	.....	.....	
1120	34	3	33	.....	..... Ante partum haemorrhage	.....	.....	Fair	110/80	1 pint	.....	.....	.....	.....	
1126	39	4	40	.....	Placenta praevia	.....	.....	Fair	47%	2 pints	S/B	.....	.....	.....	
1139	28	1	?	.....	Post partum anaemia	.....	.....	Fair	45%,	2 pints	.....	.....	.....	.....	
1154	38	6	?	.....	Post partum anaemia	.....	.....	Fair	52%,	2 pints	N/A	.....	.....	.....	
1221	40	2	40	.....	Placenta praevia : P.P.H.	.....	.....	Poor	60/45	+ 2 pints	Admitted after delivery	.....	.....	.....	
1264	29	2	?	.....	Post partum haemorrhage	.....	.....	Poor	?	7 pints	S/B	.....	.....	.....	
1276	36	5	35	.....	Placenta praevia	.....	.....	Fair	80/40	5 pints	F.H.N.H. after admission	.....	.....	.....	
1281	39	6	40	.....	Placenta praevia	.....	.....	Fair	60%,	2 pints	D	.....	.....	.....	
1334	42	4+1	37	.....	Accidental haemorrhage	.....	.....	Fair	180/140	2 pints	Classical C.S.	.....	.....	.....	
1371	24	2	40	.....	Obstetric shock	.....	.....	Poor	—	3 pints	S/B	.....	.....	.....	
1381	28	4	30	.....	Obstetric shock (A P.H.)	.....	.....	Fair	80/?	2 pints	Shock following C.S. for	.....	.....	.....	
1382	36	2+4	34	.....	..... Accidental haemorrhage	.....	.....	Fair	140/90	2 pints	placenta praevia	.....	.....	.....	
1392	26	3	34	.....	Placenta praevia	.....	.....	Good	130/80	3 pints	.....	.....	.....	.....	
1527	38	4	40	.....	Ante partum anaemia	.....	.....	Fair	46%	3 pints + 2 pints	.....	.....	.....	.....	
1560	39	9+2	37	.....	..... Ante partum anaemia	.....	.....	Fair	110/60	3 pints	.....	.....	.....	.....	
1601	40	9+2	38	.....	..... Ante partum anaemia	.....	.....	Fair	40%	2 pints + 2 pints	Re-admitted at term: Baby S/B	.....	.....	.....	
1647	28	1	11	.....	Incomplete abortion	.....	.....	Poor	37%	3 pints + 2 pints	.....	.....	.....	.....	
1690	?	5+19..	38	.....	Placenta praevia	.....	.....	Fair	50/?	2 pints	N/A	.....	.....	.....	
1737	32	2	16	.....	..... Incomplete abortion	.....	.....	Fair	100/45	52%	Abortion	.....	.....	.....	
1788	26	5	40	.....	Placenta praevia	.....	.....	Fair	70/50	3 pints	N/A	.....	.....	.....	
1837	21	1	40	.....	Post partum anaemia	.....	.....	Fair	50%	2 pints	.....	.....	.....	.....	
1840	39	3	38	.....	Shock	.....	.....	Fair	90/50	1 pint	S/B	Anencephaly	.....	.....	
1873	28	3	40+2	.....	Post partum haemorrhage	.....	.....	Good	—	2 pints	.....	.....	.....	.....	
1908	21	1	40+1	.....	Post partum haemorrhage	.....	.....	Fair	—	1 pint	.....	.....	.....	.....	
1911	27	1+1	40+1	.....	Shock	.....	.....	Good	—	1 pint	.....	.....	.....	.....	
1957	26	1+2	40	.....	..... Ante partum P.P.H.	.....	.....	Fair	100/60	2 pints	D	.....	.....	.....	
1977	30	2	40	.....	Secondary P.P.H.	.....	.....	Poor	80/50	4 pints	55%	.....	.....	.....	
1983	27	3	40	.....	Placenta praevia	.....	.....	Fair	68/3?	1 pint	72%	.....	.....	.....	
2025	41	2	40	.....	Forces delivery : shock	.....	.....	Fair	95/?	2 pints	120/70	62%	.....	.....	
2047	21	1	36	.....	Chronic myeloid	leukæmia	.....	Good	—	2 pints (packed cells)	—	—	—	—	

## BLOOD TRANSFUSION (Continued).

### EMERGENCY CASES

Reg. No.	Grav- ida	Matu- rity	Diagnosis	Condition before Transfusion	B.P. or Hb.	Amount given	B.P. or Hb. after Transfusion	Result	Remarks
2057.....33.....	1.....	?.....	.....Retained placenta ; shock	Poor	....60/40	....3 pints	....L	....Mc	....
2113.....23.....	1.....	40+1	....Ante partum anaemia	Fair	....62%	....1½ pints	....L	....	....
2116.....29.....	1.....	40?	....Post partum anaemia	Fair	....40%	....3 pints	....L	....	....
2135.....34.....	1.....	39	....Twins : Post partum haemorrhage	Poor	....Not recordable	....7 pints	....D	....S/B	....Acute yellow atrophy : See Maternal Deaths
2144.....25.....	2.....	40?	....Post partum anaemia	Fair	....55%	....2 pints	....L	....	....
2188.....23.....	1.....	40	....Primary P.P.H.....Ante partum anaemia	Poor	....Not recordable	....3 pints	....L	....	....
2212.....38.....	3+1.....	12	....Ante partum anaemia	Good	....44%	....3 pints	....L	....Ab	....
2213.....26.....	2.....	38	....Placenta praevia	Fair	....30%	....3 pints	....L	....	....
2228.....27.....	4.....	33	....Ruptured uterus	Fair	....94/60	....3 pints	....D	....S/B	....F.F.O.
2230.....39.....	9.....	40	....Post partum anaemia	Poor	....60/?	....7 pints + 1 pint plasma	....L	....	....
2242.....40.....	4.....	36	....Post partum haemorrhage	Good	....25%	....½ pint (packed cells)	....L	....	....
2272.....22.....	2.....	?	....Post partum anaemia	Poor	....70/?	....1 pint + 2 pints	....L	....	....
2280.....26.....	1+1.....	40+1	....Post partum haemorrhage	Good	....45%	....1 pint	....L	....	....
2284.....19.....	1.....	32	....Placenta praevia	Good	....120/70	....2 pints	....L	....D	....
2323.....25.....	3.....	36	....Post partum haemorrhage	Poor	....60/?	....3 pints	....L	....S/B	....
2332.....24.....	1.....	32	....Placenta praevia	Poor	—	....2 pints	....L	....	....
2335.....27.....	1.....	40+2	....Post partum haemorrhage	Fair	—	....1 pint	....L	....	....
2401.....28.....	2.....	40	....Post partum anaemia	Fair	....42%	....3 pints	....L	....	....
2413.....32.....	2.....	40	....Post partum anaemia	Fair	....37%	....2 pints	....L	....	....
2479.....29.....	2.....	?	....Post partum haemorrhage	Good	....150/80	....1 + 2 pints	....L	....	....
2525.....24.....	1.....	40	....Post partum haemorrhage	Good	....100/60	....2 pints	....L	....	....
2538.....27.....	2.....	?	....Secondary P.P.H.	Good	....45%	....3 pints	....L	....	....
2563.....21.....	1.....	40+2	....Shock	Fair	....100/?	....1 pint	....L	....	....
2578.....27.....	1.....	40	....Retained placenta and haemorrhage	Fair	....84/10	....2 pints	....L	....	....
2613.....26.....	1+1.....	40	....Post partum anaemia	Fair	....55%	....2 pints	....L	....	....

There were 3 Maternal deaths.

Out of 81 Babies born, 31 died or were still-born.

Overall Maternal mortality 2.15%.

Maternal mortality 3.4%.

Fœtal mortality 38.4%.

Overall Fœtal mortality 27.3%.

## RHESUS NEGATIVE CASES

114 Rhesus Negative mothers were admitted. Of these 102 were Booked cases and 12 Emergency cases.

### BOOKED CASES

Reg. No.	Grav- ida	Matu- rity	Blood Group	Husband's Group & Rh. Factor	Antibodies	Delivery	Past History	Condition of Baby	Result M.C	Remarks
53.....28....	5 ....	40	Not recorded	Rh+Homozygous AB	.....	Normal	1 A.&W: 1 D: 1 S/B: 1 A.&W.	Satisfactory	L.....L	.....
147.....34....	2+11....	26	Not recorded	Not recorded	.....	Miscarriage	Jaundice 1 A.&W 8/12 S/B: 10 miscarriages recorded	Not recorded	L.....Ab	.....
214.....25....	2 ....	40	Not recorded	Not recorded	.....	Normal	1 A.&W. F.T: N.D.	.....	Satisfactory	L.....L
247.....43....	1 ....	36	A +	O +	.....	Normal	N/A	.....	Satisfactory	L.....L
381.....40....	6 ....	36	A +	O +	.....	Normal	2 N.D. A.&W: 2 ND. S/B: 1 N.D. D	.....	Hydrops Fœtalis	L.....S/B
415.....25....	1 ....	40	B	Not recorded	.....	Forceps	N/A	.....	Satisfactory	L.....L
474.....31....	4 ....	40	O	A +	.....	Normal	3 F.T.N.D. A&W: 1 N.D. D	.....	Satisfactory	L.....L
496.....33....	4+1....	40	B	Not recorded	.....	L.S.C.S.	3 C.S: all A.&W.	.....	Erythro- blastosis fœtalis	L.....L
537.....33....	4 ....	40+1	A	Not recorded	.....	Normal	1 N.D. A.&W: 1 N.D. Jaundice:	.....	Fœtal Blood Transfusion:	74
596.....25....	2 ....	40	Not recorded	Not recorded	.....	Normal	1 N.D. N.D. D	.....	Erythro- blastosis fœtalis	L.....L
695.....27....	2 ....	40	O +	O +	.....	Normal	1 N.D. A.&W.	.....	Group AB Replacement	.....
746.....32....	1 ....	40	AB	O +	.....	Normal	N/A	.....	Satisfactory	L.....L
763.....22....	2 ....	40	O	O —	.....	Normal	1 S/B at 7/12 : labour induced	.....	Slight jaundice	L.....L
831.....21....	3 ....	38	A,,	B +	.....	Normal	1 N.D. D: Jaundice: 1 N.D. D	.....	Erythroblastosis Fœtalis Race-Coombs Neg.: Baby A+ve	D
875.....24....	1 ....	40+1	A,,	A +	.....	Normal	N/A	.....	Race-Coombs Neg.: Baby O—	L.....L
923.....31....	3 ....	40	O	A +	.....	Normal	2 N.D. A.&W.	.....	Race-Coombs Neg.: Baby O—	L.....L
979.....30....	2 ....	38	O,,	None	.....	Normal	1 N.D: Placenta prævia	.....	Race-Coombs Neg.: Baby O—	L.....L
1001.....29....	2 ....	38	O,,	O +	.....	Normal	1 N.D: A.&W.	.....	Race-Coombs Neg.: Baby O—	L.....L
1008.....26....	2 ....	40	A	Not recorded	.....	Normal	1 N.D: A.&W.	.....	Race-Coombs Neg.: Baby A—	L.....L
1090.....36....	2 ....	36	.....	Not recorded	.....	Normal	1 Prem. D. at 11 days	.....	Satisfactory	L.....L
1096.....29....	1 ....	40	A?	Not recorded	.....	Normal	N/A	.....	Satisfactory	L.....L
1110.....29....	7 ....	40	A	Not recorded	.....	Normal	2 A.&W. 1 Jaundice D: 1 S/B: 2 Jaundiced D	.....	Race-Coombs Direct weak O+	L.....L
1113.....26....	1 ....	40	B	B +	.....	Normal	N/A	.....	Satisfactory	L.....L
1133.....27....	2 ....	40	O	Not recorded	.....	Normal	1 A.&W.	.....	Race-Coombs Neg.: Baby B+	L.....L

# RHESUS NEGATIVE CASES (Continued)

## BOOKED CASES

Reg. No.	Age	Gravida	Maturity	Blood Group	Husband's Group & Rh. Factor	Antibodies	Delivery	Past History	Condition of Baby	Result M C	Remarks
1218.....42.....4.....36.....O.....	.....Not recorded	.....Not recorded	.....Normal breech	.....3 F.T.N.D. 2 D: Diphtheria pneumonia	.....Not recorded	.....L.....S/B .....					
1280.....28.....3.....39.....A.....	.....A + (Heterozygous)	.....Incomplete +	.....Normal	.....1 Br. S/B: 2 F.T.F.D.: A.&W.	.....Erythroblastosis foetalis	.....L.....S/B ....Intra-uterine death					
1337.....23.....2.....40+2.....A.....	.....Not recorded	.....None	.....Normal	.....1 F.T.N.D.	.....Satisfactory	.....L.....L					
1361.....31.....2+1.....38.....A.....	.....Not recorded	.....None	.....Normal	.....1 F.T.N.D. A.&W: 1 Misc	.....Satisfactory	.....L.....L	.....Baby ORh Neg.: Race-Coombs Neg.				
1365.....25.....1.....40.....O.....	.....O +	.....?	.....Normal	.....N/A	.....Satisfactory	.....L.....L	.....Baby A+ve: Race-Coombs Neg.				
1366.....32.....3.....40.....A.....	.....O +	.....?	.....Normal	.....2 F.T.N.D: A.&W.	.....Satisfactory	.....L.....L					
1369.....30.....2.....40.....B.....	.....Positive	.....+	.....Normal	.....1 F.T.N.D: A.&W	.....Satisfactory	.....L.....L					
1414.....30.....4+1.....40.....O.....	.....?	.....+	.....Normal	.....1 Prem. S/B; 1 Misc: 1 F.T.F.D.	.....Satisfactory	.....L.....L					
1417.....26.....1.....40.....O.....	.....Not recorded	.....?	.....Normal	.....S/B: twins S/B : S/B	.....Satisfactory	.....L.....L					
1445.....37.....3.....38.....O.....	.....?	.....+	.....Normal	.....N/A	.....Satisfactory	.....L.....L					
1461.....28.....2.....40.....A.....	.....Not recorded	.....None	.....Normal	.....1 F.T.F.D : S/B	.....Satisfactory	.....L.....L					
1507.....25.....2.....40.....A.....	.....Not recorded	.....Complete antibodies... (low titre)	.....Normal	.....1 F.T.N.D : A.& W	.....Satisfactory	.....L.....L					
1531.....25.....1.....38.....AB.....	.....Not recorded	.....Not recorded	.....Normal	.....N/A	.....Satisfactory	.....L.....L	.....Race-Coombs Negative				
1536.....31.....2.....40.....A.....	.....Not recorded	.....Not recorded	.....Normal	.....1 F.T.N.D : A.& W	.....Satisfactory	.....L.....L	.....Baby O+ve: Race-Coombs Negative				
1542.....29.....3.....40.....(W.R.+ve A -).....	.....None	.....None	.....Normal	.....2 F.T.N.D : A.&W	.....Satisfactory	.....L.....L	.....Baby A-ve: Race-Coombs Negative				
1549.....26.....1+1.....38.....O.....	.....A +	.....	.....Normal	.....Both	.....Satisfactory	.....L.....L					
1551.....33.....1.....40.....B.....	.....Not recorded	.....None	.....Not recorded	.....N/A	.....Not recorded	.....L.....S/B	.....Placenta Prævia				
1560.....39.....9+2.....40+1.....O.....	.....Not recorded	.....None	.....Normal breech	.....7 F.T.N.D. A.&W: 2 Misc:	.....Cause unknown	.....L.....S/B					
1630.....31.....3.....38.....A.....	.....?	.....Positive	.....Normal	.....2 "Premature": both died	.....Satisfactory	.....L.....L	.....Race-Coombs Neg.: Baby Positive				
1640.....29.....1.....40.....A.....	.....A Positive	.....None	.....Assisted breech	.....N/A	.....Satisfactory	.....L.....L	.....Baby A Neg.: Race-Coombs Neg.				
1692.....22.....1.....39.....O.....	.....Not recorded	.....None	.....Normal	.....N/A	.....Both	.....L.....L	.....Race-Coombs Neg.				
1696.....34.....1.....37.....O.....	.....?	.....Positive	.....Breach extrac-tion: forceps	.....N/A	.....Satisfactory	.....L.....L					
1708.....24.....1.....38.....A.....	.....A +	.....	.....Normal	.....N/A	.....Satisfactory	.....L.....L					
1716.....28.....2.....40.....O.....	.....Not recorded	.....None	.....Normal	.....1 F.T.N.D : A.&W	.....Satisfactory	.....L.....L	.....Race-Coombs Neg.				
1721.....32.....3.....38.....O.....	.....Not recorded	.....Not recorded	.....Normal	.....2 Miscarriages	.....Satisfactory	.....L.....L					
1763.....40.....3.....40.....O.....	.....A +	.....	.....Normal	.....2 F.T.N.D : A.&W	.....Satisfactory	.....L.....L	.....Race-Coombs Neg.				
1797.....28.....1.....40.....O.....	.....?	.....+	.....Forces	.....N/A	.....Satisfactory	.....L.....L	.....O+ve				
1800.....35.....4.....40.....O.....	.....Not recorded	.....None	.....Normal	.....3 F.T.N.D : A.&W	.....Satisfactory	.....L.....L					
1801.....27.....1.....40+2.....O.....	.....B +	.....	.....Normal	.....N/A	.....Satisfactory	.....L.....L	.....Race-Coombs Negative: O+ve				
1807.....28.....2.....40.....B.....	.....Recorded	.....None	.....Normal	.....1 F.T.N.D : A.&W	.....Satisfactory	.....L.....L					

## RHESUS NEGATIVE CASES (Continued)

### BOOKED CASES

Reg. No.	Age	Grav- ida	Matu- rity	Blood Group	Husband's Group & Rh. Factor	Antibodies	Delivery	Past History	Condition of Baby	Result M C	Remarks
1808	32	2	40+2	O	B +	None	Normal	1 F.T.N.D : A.&W	.....	.....	.....
1818	22	1	40	O	Not recorded	None	Normal	N/A	.....	.....	.....
1835	26	1	40	A	A +	None	Normal	N/A	.....	.....	.....
1888	24	2	36	B	A +	None	Twin delivery	1 F.T.N.D : A.&W	.....	.....	.....
1914	21	1	40	O	A -	None	Normal	Both died	D <sub>c</sub>	Prematurity: Not Jaundiced	D <sub>c</sub>
1925	34	1	40	O	Not recorded	Not recorded	Normal	.....	.....	.....	.....
1928	20	1	39	B	O +	None	Normal	.....	.....	.....	.....
1941	23	1	40	O	Not recorded	Not recorded	Forceps	.....	.....	.....	.....
1974	40	2	38	A	Not recorded	None	Normal	1 F.T.F.D : A.&W	.....	.....	.....
2000	33	2	40	O	Not recorded	None	Normal	1 F.T.N.D : A.&W	.....	.....	.....
2014	37	3+1	40+1	O	O Neg.	None	Normal	2 F.T.N.D : A.&W	1 Misc	.....	.....
2075	22	2+2	40+1	O	O +	None	Normal	1 F.T.N.D : A.&W	2 Miscs.	.....	.....
2098	25	2	40+1	O	Not recorded	None	Normal	1 F.T.N.D : A.&W	.....	.....	.....
2100	37	1	40	A	A +	None	Normal	N/A	.....	.....	.....
2112	41	9	39	B	A +	Strong complete antibodies	Normal	7 F.T.N.D : A.&W	1 S/B : 1 D	Erythro-blastosis	.....
2122	28	2	38	O	A +	None	Normal	1 F.T.N.D : A.&W	.....	.....	.....
2132	21	1	37	O	O -	None	Normal	N/A	.....	.....	.....
2137	21	1	37	A	O +	Not recorded	Normal	N/A	.....	.....	.....
2150	21	1	40+1	A	O +	None	Normal	N/A	.....	.....	.....
2158	26	1	38	A	A +	None	Normal	1 F.T.N.D : 1 Misc	.....	.....	.....
2170	32	2+1	39	A	A +	Incomplete	Normal	1 F.T.N.D	.....	.....	.....
2183	24	2	40	Not recorded	Not recorded	Present	Normal	.....	.....	.....	.....
2193	37	3	40	A	Not recorded	None	L.S.C.S.	2 Previous C.S : 1 A.&W : 1 S/B	.....	.....	.....
2202	20	1	39	Not recorded	Not recorded	Not recorded	Normal	Blood transfusion at age 14	Erythro-blastosis fœtalis	.....	Replacement transfusion: Race-Coombs Test Pos.
2211	40	3	36	O	Not recorded	None	Normal	2 F.T.N.D : A.&W	.....	.....	.....
2227	28	2	40	O	A +	None	Normal	1 F.T.N.D : A.&W	.....	.....	.....
2240	31	3	40	B	B +	None	Normal	2 F.T.N.D : A.&W	.....	.....	.....
2275	40	6+1	40	O	O +	None	Normal	4 N.D : A.&W : 1 S/B : 1 Misc	.....	.....	.....
2277	32	2	38	O	Not recorded	None	Normal	1 F.T.N.D : A.&W	.....	.....	.....
2283	31	4+1	40	A	Not recorded	Present	Normal	2 N.D : A.&W : 1 S/B : 1 Misc	.....	.....	.....
2317	28	2	39	O	A +	None	Satisfactory	Erythro-blastosis	.....	.....	.....
2321	30	1	36	O	Not recorded	None	Normal	1 F.T.N.D : A.&W	.....	.....	.....
2353	26	1	40	O	Not recorded	None	Normal	N/A	.....	.....	.....
2417	33	1	40	B	A +	None	Normal	N/A	.....	.....	.....

## RHESUS NEGATIVE CASES (Continued)

BOOKED CASES			Husband's Group & Rh. Factor		Antibodies		Delivery		Past History		Condition of Baby		Result M C		Remarks	
Reg. No.	Grav- ida	Maturity	Blood Group													
2432	33	2	36	A	A +	None	.....	Normal: normal.....	1 F.T.N.D : A&W .....	.....	Both satisfactory	L	L	.....	.....	
2461	28	2+1	40	A	O +	None	.....	Normal .....	1 F.T.N.D. S/B ; 1 Misc	.....	Satisfactory	L	L	.....	.....	
2507	30	3	40	A	Not recorded	None	.....	Normal .....	1 F.T. A&W : 1 F.T. D	.....	Satisfactory	L	L	.....	.....	
2529	23	1	40+2	A	O +	None	.....	Forces	.....	.....	Satisfactory	L	L	.....	.....	
2539	32	3	40	A	Not recorded	None	.....	Normal .....	N/A	.....	Satisfactory	L	L	.....	.....	
2544	23	1	40	AB	O -	None	.....	Normal .....	2 F.T. A&W .....	.....	Satisfactory	L	L	.....	.....	
2569	21	2	40	O	O +	None	.....	Normal .....	N/A	.....	Satisfactory	L	L	.....	.....	
2574	25	2	40	O	A +	None	.....	Normal .....	1 F.T.N.D : A&W .....	.....	Satisfactory	L	L	.....	.....	
2584	31	1	40	O	O +	None	.....	Normal .....	F.T.N.D : A&W .....	.....	Satisfactory	L	L	.....	.....	
2602	29	3+2	36	O	A +	None	.....	Normal .....	F.T. Breech D: 1 F.T.N.D: A.&W	.....	Satisfactory	L	L	.....	.....	
2604	23	1	38	B	Not recorded	None	.....	Normal .....	N/A	.....	Satisfactory	L	L	.....	.....	
2606	23	1	40	O	Not recorded	None	.....	Normal .....	N/A	.....	Satisfactory	L	L	.....	.....	
2625	27	2	40	B	O +	None	.....	Normal .....	1 F.T.N.D : A&W .....	.....	Satisfactory	L	L	.....	.....	
2632	25	2	40	A	O +	None	.....	Normal .....	1 F.T.N.D : A&W .....	.....	Satisfactory	L	L	.....	.....	

There were no Maternal Deaths.

8 Infants died or were stillborn and there was one abortion.

3 of the infant deaths or still births showed Hydrops Foetalis.

Total Foetal loss = 9 of a total of 107 deliveries.

Gross Foetal Mortality = 8.4%.

Baby O—Neg.: Race-Coombs Neg,  
Baby O—Neg.: Coombs Neg,

## RHESUS NEGATIVE CASES (Continued)

EMERGENCY CASES				Husband's Group & Rh. Factor	Antibodies	Delivery	Past History	Condition of Baby	M C	Result	Remarks
Reg. No.	Age	Gravida	Maternity	Blood Group							
388.....22.....	1.....	40.....	O.....	Not recorded	Not present	Forceps .....	Nil .....	.....	.....	.....	Secondary P.P.H.; Transfusion
712.....33.....	3.....	40.....	A.....?	+ .....	Present .....	Assisted breech .....	2 N.D : 2 D .....	.....	.....	Erythroblastosis foetalis	L Mc .....
962.....26.....	1.....	32.....	O.....	A + .....	Not present .....	Bipolar version .....	Nil .....	.....	.....	Stillborn .....	S/B Placenta Prævia
968.....32.....	6.....	36.....	B.....O + .....	.....	Incomplete ++ Complete +	Breech extraction .....	Nil .....	.....	.....	N/A .....	N/A Left hospital against advice
1193.....35.....	4.....	24.....	A.....	.....	Strong complete	Undelivered .....	1 N.D. anaemia D ; 1 N.D. jaundice D : 2 S/B	.....	.....	.....	.....
1394.....25.....	1.....	36.....	A.....A	.....	Not recorded .....	Abortion .....	3 F.T. Normal : 3rd child D. Jaundice 3/52	.....	.....	.....	.....
1518.....43.....	2.....	34.....	A.....A	.....	Not recorded .....	Normal .....	Nil .....	.....	.....	Satisfactory .....	L S/B Cause of intra-uterine death unknown
1573.....27.....	1.....	40.....	O.....B	— .....	None .....	Normal .....	N/A .....	.....	.....	N/A .....	.....
1614.....38.....	3.....	40.....	A.....?	+ .....	None .....	Normal .....	2 S/B at 7 and 8 months .....	.....	.....	Satisfactory .....	.....
2034.....43.....	10.....	26.....	O.....	.....	Not recorded .....	Normal .....	3 A.&W : 6 S/B and Neo natal deaths .....	.....	.....	Satisfactory .....	.....
2498.....23.....	1.....	38.....	O.....	.....	Not recorded .....	Normal .....	Not known .....	.....	.....	Satisfactory .....	Toxæmia .....
2630.....18.....	1.....	40.....	O.....	.....	Not recorded .....	Normal .....	N/A .....	.....	.....	Satisfactory .....	Race-Coombs Negative: Baby B+ve

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There were no Maternal Deaths.

Of 10 infants born (1 abortion included) 4 did not survive

Gross Foetal Mortality = Nil.

Overall Maternal Mortality = Nil.

Overall Foetal Mortality (13 in 117 deliveries) = 11.1%.

## MATERNAL MORBIDITY — MORTALITY ANALYSIS.

The standard of Maternal Morbidity used was the Ministry of Health recommendation: 100.4°F. sustained or recurring in 24 hours.

### Booked Cases.

Deliveries and Deaths Undelivered	.....	.....	.....	1,685
There were no deaths undelivered				
Deaths	.....	.....	.....	4
Morbidly Pyrexial Cases	.....	.....	.....	76
Deaths and Morbidly Pyrexial Cases	.....	.....	.....	80
Morbidity Rate	.....	.....	.....	4.5%
Mortality Rate in Hospital	.....	.....	.....	0.24%

### Emergency Cases.

Deliveries and Deaths Undelivered	.....	.....	.....	529
There were 2 deaths undelivered				
Deaths	.....	.....	.....	11
Morbidly Pyrexial Cases	.....	.....	.....	57
Deaths and Morbidly Pyrexial Cases	.....	.....	.....	68
Morbidity Rate	.....	.....	.....	10.8%
Mortality Rate	.....	.....	.....	2.1%

### Total for Cases delivered in Hospital.

Deliveries and Deaths Undelivered	.....	.....	.....	2,214
Deaths	.....	.....	.....	15
Morbidly Pyrexial Cases	.....	.....	.....	133
Deaths and Morbidly Pyrexial Cases	.....	.....	.....	148
Morbidity Rate	.....	.....	.....	6.0%
Mortality Rate	.....	.....	.....	0.68%

### Cases Admitted after Delivery:

#### Booked.

2 Booked cases were admitted after delivery.

#### Emergency.

6 Emergency cases were admitted after delivery.

## MATERNAL MORBIDITY.

133 Patients had notifiable Puerperal Pyrexia. Of these 76 were in Booked Cases and 57 in Emergency Admissions.

### BOOKED CASES

Reg. No.	Grav- ida	Matu- rity	Labour	Diagnosis	Treatment	Days in Hospital after delivery	Result C	Remarks
31	25	3	L.S.C.S.	Respiratory	Penicillin	13		
69	40	1+1	40	Breech extraction	Penicillin : Sulphonamides	11		
77	23	1	40	Forces	Sulphonamides	14		
81	25	1	40	Normal	Sulphonamides	12		
231	27	1	38	Normal	Sulphonamides	9		
257	26	1	40	Normal	Secondary suture	19		
270	32	1	40	Abdominal section	Extra-uterine gestation	23	D	
316	21	1	40	Normal	Penicillin : Sulphonamides	11		
319	25	1	40	Normal	Sulphonamides	10		
361	20	1	34	Normal	Penicillin : Sulphonamides	12		
380	35	3	40	L.S.C.S.	Sulphonamides	11		
402	24	4	40	L.S.C.S.	Post op pulmonary collapse	14		
404	36	1	36	Twin delivery	Penicillin : Sulphonamides	10	D	
409	19	1	40	Normal	Sulphonamides	17		
430	24	1	40	Forces	Penicillin : Sulphonamides	22		
431	34	2+1	32	Forces	Sulphonamides	8		
439	27	2	40	Normal breech	Penicillin : Sulphonamides	12		
444	31	2	40+1	Normal	Sulphonamides	9		
496	33	4+1	40	L.S.C.S.	Penicillin : Sulphonamides	12		
513	28	1	40	Uterine inertia: Forceps	Penicillin : Sulphonamides	14		
537	33	4	40+1	L.S.C.S.	Sulphonamides	11		
545	33	5	36	Normal twin	Penicillin : Sulphonamides	15		
576	20	1	40+1	Normal breech	Sulphonamides	7		
799	18	1	40	Normal	Penicillin : Sulphonamides	10		
836	25	1	40+1	Forces	Sulphonamides	22		
853	41	8+1	40	Normal	Penicillin : Sulphonamides	10		
880	21	1	40	Forces	Sulphonamides	10		
911	25	1	40	Normal	Penicillin : Sulphonamides	12		
913	25	1	40	Forces	Penicillin : Sulphonamides	15	D	
914	26	1+1	40	Normal	Penicillin : Sulphonamides	10		
942	24	1	22	Abd. Hysterotomy	Medical	30	Ab	
951	21	1	40	Forces	Sulphonamides	10		
957	33	1	40	L.S.C.S.	Penicillin : Sulphonamides	13		
959	28	2	40	Normal	Penicillin	12		
997	34	4	38	L.S.C.S.	Not recorded	14		
1009	36	1+7	40	Forces	Penicillin : Sulphonamides	11		
1038	30	1	40	Forces	Penicillin : Sulphonamides	15		
1072	24	1	40	Internal version : breech extraction	Penicillin : Sulphonamides	17		
1134	27	1	40+1	Forces	Sulphonamides	10		
1159	36	3	40	L.S.C.S.	Medical	15		

Brow and Face presentation  
Rachitic flat pelvis

**MATERNAL MORBIDITY (Continued).**

BOOKED CASES		Reg. No.	Age	Gravida	Maturity	Labour	Diagnosis	Treatment	Days in Hospital after delivery	Result	Remarks
1239	27	3	39	L.S.C.S.	.....	.....	Urinary	.....	16	.....	Rachitic flat pelvis
1254	33	8	40+1	Normal	.....	.....	Uterine	.....	11	.....	Manual removal of placenta
1265	32	3	39	Normal	.....	.....	P.U.O.	.....	10	.....	Ext. Otitis
1268	31	1	40+2	Perforation and extraction	.....	.....	Uterine	.....	10	.....	S/B Toxæmia
1289	21	1	37	Normal	.....	.....	Uterine	.....	11	.....	.....
1296	33	8	40	Normal	.....	.....	Acute mastitis	.....	12	.....	Penicillin cream
1297	25	2	40	L.S.C.S.	.....	.....	Wound sepsis	.....	16	.....	.....
1434	19	1	40	Normal	.....	.....	Uterine	.....	16	.....	P.P. eclampsia
1565	18	1	40	Forces	.....	.....	Uterine	.....	10	.....	.....
1575	27	1	40	Forces	.....	.....	Uterine	.....	12	.....	Retained placenta: Manual removal
1694	31	1	40	Normal	.....	.....	Uterine	.....	11	.....	.....
1755	25	1	40+1	Normal	.....	.....	Whitlow index finger	.....	16	.....	Hæmolytic Streptococci
1771	30	2	38	Normal	.....	.....	Uterine	.....	15	.....	.....
1783	18	1	40	Normal	.....	Not stated	.....	.....	8	.....	.....
1830	35	3	40	Assisted breech	.....	.....	Uterine	.....	7	.....	.....
1861	45	7	40	L.S.C.S.	.....	.....	Respiratory	.....	17	.....	.....
1880	20	2	40	Normal	.....	.....	Unknown	.....	11	.....	.....
1884	29	5	39	Classical C.S.	.....	.....	Respiratory	.....	12	.....	Aspiration of abscess
1921	33	1	40	L.S.C.S.	.....	.....	Acute mastitis	.....	25	.....	.....
2044	21	1	39	Breech	.....	.....	Perineal sepsis	.....	26	.....	.....
2152	14	1	?	Normal	.....	.....	Pyelitis	.....	8	.....	.....
2196	22	1	40	L.S.C.S.	.....	.....	Uterine	.....	12	.....	.....
2208	20	1	38	Normal	.....	.....	P.U.O.	.....	9	.....	Not recorded
2315	35	1	40	Forces	.....	.....	P.U.O.	.....	11	.....	.....
2343	22	1	40	Normal	.....	.....	Acute mastitis	.....	19	.....	.....
2381	35	1	40	Normal	.....	.....	Acute mastitis	.....	15	.....	.....
2390	23	1	40	Normal	.....	.....	P.U.O.	.....	9	.....	.....
2431	20	1	30	Normal	.....	.....	Uterine	.....	10	D	.....
2504	33	3	35	Normal	.....	.....	Acute coryza	.....	16	.....	.....
2543	29	1	40	L.S.C.S.	.....	.....	Uterine	.....	14	.....	.....
2559	37	3	34	Normal	.....	.....	P.U.O.	.....	16	.....	Medical
2588	27	2	40	Normal	.....	.....	"Influenza"	.....	8	.....	.....
2595	27	1	39	Normal	.....	.....	Acute mastitis	.....	21	.....	Penicillin : Sulphonamides
2596	22	1	40	Forces	.....	.....	Uterine	.....	14	.....	Sulphonamides
2610	21	1	40	Normal	.....	.....	Uterine	.....	13	.....	Sulphonamides
2623	30	2	40	Normal	.....	.....	Uterine	.....	10	.....	Penicillin : Sulphonamides

There were no Maternal Deaths.

Out of 78 babies born (including one abortion) 7 babies died or were stillborn. Foetal mortality 8.9%.

## MATERNAL MORBIDITY (Continued).

### EMERGENCY CASES

Reg.	Grav- ida	Matu- rity	Labour	Diagnosis	Treatment	Days in Hospital after M delivery	Result C	Remarks
79	28	1	40	Normal breech	Uterine Respiratory	17	L	Post-partum Anæmia
105	25	2	39	Normal	Uterine	10	L	Retained placenta
109	27	2	?	Normal	P.U.O.	8	L	Severe cardiac disease
140	19	1	40	Classical C.S. & Sterilisation	Abd. incision	19	L	
153	34	1	40+2	Forces	Uterine Respiratory	15	L	Uterine inertia
252	29	1	40+2	L.S.C.S.	Uterine	15	L	Prolapsed cord
268	31	2	40	L.S.C.S.	Respiratory	15	L	Placenta prævia
294	22	1	40+2	L.S.C.S.	Uterine	14	L	
337	33	7	40	L.S.C.S.	Respiratory	15	D	
412	27	1	34	Normal	Uterine	9	L	
554	39	4	40	Normal	Uterine	9	S/B	Anencephaly
575	21	1	40+1	Normal	Uterine	10	L	
584	30	1	40	Forces	Urinary	16	L	
733	20	1	40	Forces	Uterine	9	L	
753	27	1	38	Placenta prævia : normal	Uterine	11	L	
772	29	1	40	L.S.C.S.	Uterine	20	L	Uterine inertia Cervical dystocia
888	20	1	38	Twin : breech extraction	Pyelitis	19	L	Manual removal of placenta
898	27	2	32	Prolapsed cord : breech extraction	Pyelitis	13	L	
929	29	1	40	Uterine inertia : forces	Uterine	14	L	
943	26	1	34	L.S.C.S.	Uterine	20	L	Multiple vaginal examinations
962	26	1	32	Internal version : breech extraction	Pyelitis	10	L	Placenta prævia
1017	26	1	40	Normal	Uterine	13	L	S/B
1162	42	5	39	Classical C.S.	Wound and uterine sepsis	30	L	Breech Prolapsed cord: Contracted pelvis
1180	33	4	40	Triple	Uterine	24	L	Toxæmia
1200	24	1	40	Forces	Uterine	11	L	
1210	27	1	40	Normal	Uterine	10	L	
1264	29	2	?	Normal: retained placenta; P.P.H.	Cellulitis of arm	11	L	Placenta prævia
1313	23	3	40	Assisted breech delivery	Uterine	10	L	
1322	21	1	40	F.F.O.: forceps delivery in hospital	Perineal	13	L	
1340	26	1	40+2	L.S.C.S.	Uterine	13	S/B	
1353	22	1	34	Normal	Uterine	12	L	
1452	22	1	38	Normal	Acute mastitis	12	L	
1504	30	4	39	Normal	Polvic cellulitis	16	L	Infective Hepatitis
1508	24	1	33	Normal twin	Uterine	15	L	
1580	24	1	38	Twin forceps	Uterine	18	L	Toxæmia: Retained placenta
1683	26	1	40	Forces	Uterine	17	L	
1689	24	1	40	Cæsarean myomectomy	Uterine	15	L	
1707	27	1	40	L.S.C.S.	Uterine	16	L	Contracted pelvis

## MATERNAL MORBIDITY (Continued).

Reg. No.	Age	Gravida	Maternal Mortality	Labour	Diagnosis	Treatment	Days in Hospital after M.C.	Result	Remarks
									Normal
1710	27	2	.....	39	Normal	.....	.....	.....	.....
1873	28	3	.....	40+2	F.F.O.	.....	.....	.....	.....
1908	21	1	.....	40	Forceps	.....	.....	.....	.....
1929	30	1	.....	40	Forceps	.....	.....	.....	.....
1976	35	1	.....	40+1	Forceps	.....	.....	.....	.....
2005	26	1	.....	40	Normal	.....	.....	.....	.....
2063	31	1	.....	40+3	Forceps	.....	.....	.....	.....
2064	24	2	.....	40	L.S.C.S.	.....	.....	.....	.....
2068	42	5	.....	40	Normal	.....	.....	.....	.....
2118	25	2	.....	16	Abdominal hysterotomy	.....	.....	.....	.....
2138	39	2+4	.....	40+1	Normal	.....	.....	.....	.....
2191	21	1	.....	40	Normal	.....	.....	.....	.....
2228	27	4	.....	33	Classical C.S.	.....	.....	.....	.....
2246	22	2	.....	? ?	Normal twins	.....	.....	.....	.....
2304	26	1	.....	28	Abdominal hysterotomy	Respiratory	.....	.....	.....
2335	27	1	.....	40+2	F.F.O. & forceps	Uterine	.....	.....	.....
2391	29	1	.....	40	F.F.O. & forceps	Uterine	.....	.....	.....
2479	29	2	.....	?	Normal	Uterine	.....	.....	.....
2538	27	2	.....	?	Normal	Uterine	.....	.....	.....

83

There were no Maternal Deaths.

Out of 62 babies born (including two abortions) 12 babies died or were still-born. Foetal mortality 19.4%

Overall Foetal Mortality 13.6%.

Foetal mortality 19.4%

## MORBID CASES ADMITTED AFTER DELIVERY.

After delivery outside, 8 Patients who were morbid were admitted to hospital. Two of these were Booked cases and six Emergency cases. All the mothers survived.

### BOOKED CASES

Reg. No.	Age	Gravida	Maternity	Labour	Days since Delivery	Diagnosis	Treatment	Days in Hosp.	Result	Remarks
1428.....22.....	3.....	?	Normal	.....	Nil	Uterine infection	Penicillin & Sulphonamides.....	10	.....L	.....Retained placenta
2082.....22.....	2.....	34	Normal	.....	2	Uterine infection	Penicillin & Sulphonamides.....	12	.....L	.....Spontaneous premature labour
492.....31.....	1.....	?	Normal	.....	.....	.....	Manual replacement : Chemotherapy	21	.....L	.....Blood transfusion
889.....28.....	3.....	40	Normal	.....	.....	.....	Evacuation of Uterus	11	.....L	.....Blood transfusion
1154.....38.....	6.....	?	Forceps	.....	.....	.....	Penicillin & Sulphonamides.....	16	.....L	.....Pulmonary infarction
1314.....36.....	1.....	40	Normal	.....	.....	.....	Penicillin & Sulphonamides.....	16	.....L	.....Attempted manual removal of placenta outside ; spontaneous expulsion in hospital
1837.....21.....	1.....	40	Normal	.....	3	Inversion of uterus	.....	12	.....L	.....Blood transfusion
1847.....23.....	1.....	37	Normal	.....	.....	.....	Evacuation of haematoma Penicillin & Sulphonamides.....	26	.....L	I.U.D. Surgical induction : retained placenta ; manual removal
			Pelvic cellulitis	.....	9	.....	.....			

### EMERGENCY CASES

889.....28.....	3.....	40	Normal	.....	.....	14	.....	.....	.....	.....
i154.....38.....	6.....	?	Forceps	.....	.....	12	.....	.....	.....	.....
1314.....36.....	1.....	40	Normal	.....	.....	2	.....	.....	.....	.....
1837.....21.....	1.....	40	Normal	.....	.....	8	.....	.....	.....	.....
1847.....23.....	1.....	37	Normal	.....	.....	9	.....	.....	.....	.....

## ABORTIONS.

There were 47 cases of Abortion. Of these 16 were Booked cases and 31 Emergency admissions.

BOOKED CASES				Type	Treatment	Morbid	Result	Remarks
Reg. No.	Age	Gravida	Maturity					
62.....33	4 .....	24	.... Inevitable	....	.... Medical	....	....	.... Complete
78.....76.....	1 .....	8	.... Inevitable	....	.... Evacuation of uterus	....	No	....
112.....25.....	2 .....	24	.... Inevitable	....	.... Medical	....	No	....
147.....34.....2+11.....	26	.... Inevitable	....	.... Medical	....	No	....	.... Erythroblastosis Foetalis
285.....30.....	1 .....	26	.... Inevitable	....	.... Medical	....	No	....
579.....27.....	1 .....	16	.... Inevitable	....	.... Medical	....	No	....
672.....28.....	1+1.....	22	.... Inevitable	....	.... Medical	....	No	....
927.....38.....	5 .....	22	.... Carneous mole	....	.... Medical	....	No	.... Severe toxæmia
1261.....39.....	1+1.....	20	.... Threatened	....	.... Medical	....	No	.... Re-admitted at term
1339.....26.....	2 .....	14	.... Incomplete	....	.... Evacuation	....	No	....
1586.....21.....	1 .....	24	.... Complete	....	.... Medical	....	No	....
1633.....36.....	3 .....	16	.... Inevitable	....	.... Medical	....	No	....
1637.....29.....	2 .....	16	.... Missed	....	.... Medical	....	No	....
1700.....38.....	3 .....	24	.... Inevitable	....	.... Medical	....	No	....
1831.....26.....	1 .....	10	.... Threatened	....	.... Medical	....	No	....
2001.....35.....	2 .....	10	.... Therapeutic	....	.... Evacuation	....	No	....
								.... Pregnancy continued .... Thyrotoxicosis and hypertension

There were no Maternal Deaths.

## ABORTIONS (Continued).

EMERGENCY CASES				Type	Treatment	Morbid	Result	Remarks
Reg. No.	Age	Grav- ida	Matu- rity					
12	28	2	14	Therapeutic	Medical	No	...	Pulmonary Tuberculosis
59	25	1	24	Threatened	Medical	No	...	Referred to own doctor
185	23	0+1	10	Inevitable	Medical	No	...	Complete
302	25	2	10	Threatened and inevitable	—	No	...	Cardiac disease
386	20	1	24	Therapeutic	Medical	No	...	Complete
689	29	1	25	Incomplete	Evacuation	No	...	Referred to own doctor
707	27	1	24	Threatened	Medical	No	...	Transfusion
893	24	1	10	Complete	Medical	No	...	Complete
958	31	7	20	Inevitable	Medical	No	...	Toxæmia
1129	38	3	12	Missed	Medical	No	...	Rh negative
1183	34	3+1	26	Complete	—	No	...	Transfusion before admission
1193	35	4	24	Complete	—	No	...	
1242	42	9+2	12	Incomplete	—	No	...	
1343	22	1	14	Threatened	—	No	...	
1438	22	1	27	Inevitable	—	No	...	
1449	34	2	24	Inevitable	—	No	...	
1647	28	1	11	Incomplete	—	No	...	
1661	24	2	20	Septic	Complete	Yes	...	
1720	25	1	20	Inevitable : Complete	Nil	No	...	
1737	32	2	16	Inevitable	Evacuation	No	...	
1741	34	2	12	Complete	Medical	No	...	
1746	27	3	16	Incomplete	Evacuation	No	...	
1776	35	3	24	Inevitable	Medical	No	...	
1777	29	3	22	Inevitable	Medical	No	...	
2035	24	1+1	24	Threatened	Medical	No	...	
2093	24	3+1	?	Complete	Medical	No	...	
2148	42	3	16	Threatened	Medical	No	...	
2212	38	3+1	12	Incomplete	Evacuation	No	...	
2252	23	3	27	Threatened	Medical	No	...	
2292	16	1	28	Complete	Medical	No	...	
2618	24	1	24	Complete	Medical	No	...	

There was 1 Maternal Death.

Maternal Morbidity 3.2%.

## INTERCURRENT DISEASE.

### **Cardio-Vascular**

Paroxysmal tachycardia .....	.....	1	
Cerebral thrombosis .....	.....	1	
Thrombo-phlebitis .....	.....	2	
Varicose Ulcer .....	.....	1	
Subarachnoid haemorrhage .....	.....	1	6

### **Neuro-psychiatric**

Epilepsy .....	.....	.....	.....	8
Schizophrenia .....	.....	.....	.....	1
Anxiety neurosis .....	.....	.....	.....	1
Disseminated Sclerosis .....	.....	.....	.....	1 11

### **Respiratory**

Pulmonary tuberculosis .....	.....	13	
Broncho-pneumonia .....	.....	2	
Pleurisy .....	.....	2	
Asthma .....	.....	3	
Lobar pneumonia .....	.....	1	
Bronchiectasis .....	.....	1	
Bronchitis .....	.....	6	28

### **Hæmatogenous**

Anæmia .....	.....	.....	.....	7
Chronic Myeloid Leukæmia .....	.....	.....	.....	1 8

### **Metabolic**

Thyrotoxicosis .....	.....	.....	.....	8
Diabetes Mellitus .....	.....	.....	.....	3 11

### **Gastro-intestinal**

### **Gynæcological**

Uterine prolapse .....	.....	2	
Subinvolution .....	.....	2	
Oedema of vulva .....	.....	1	
Menopausal haemorrhage .....	.....	1	
Thrush Infection .....	.....	5	
Uterine fibroids .....	.....	4	
Bartholin's cyst .....	.....	2	
Leukæmia .....	.....	1	
Mucous polyp. ....	.....	2	
Ovarian cyst .....	.....	1	
Pelvic tuberculosis .....	.....	1	
Trichomonas infection .....	.....	1	
Ectopic gestation .....	.....	1	24

### **Hæmatemesis Hæmorrhoids**

1 2 3

### **Infective**

Measles .....	.....	.....	.....	1
Infective Hepatitis .....	.....	.....	.....	2
Syphilis .....	.....	.....	.....	1
Osteomyelitis .....	.....	.....	.....	1 5

### **Urinary Tract**

### **Dermatological**

Eczema .....	.....	2	
External otitis .....	.....	1	3

Chronic nephritis .....	.....	.....	.....	3
Papilloma of bladder .....	.....	.....	.....	1
Foreign body cystitis .....	.....	.....	.....	1
Hæmaturia .....	.....	.....	.....	1
Transfusion Kidney .....	.....	.....	.....	1
Pyelo-cystitis .....	.....	.....	.....	12 19

## MATERNAL DEATHS.

### Booked Cases.

1. 199. Gravida 1. Aet. 29 After a normal labour of about 24 hours, there was a delay in the second stage. After a difficult rotation, forceps delivery was accomplished but the child was still-born. The placenta was expressed complete 10 minutes later. A laceration of the lateral wall of the vagina was being repaired, when the patient's condition began to deteriorate and despite blood transfusion and the injection of coramine no response was obtained and death took place. The post-partum loss was not excessive, and, as an autopsy was not obtained, death was certified as being due to "obstetric shock," associated with severe trauma and a lengthy anaesthetic.

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2. 1398. Gravida 2. Aet. 36 This patient attended the hospital ante-natal clinic on one occasion only—when 16 weeks pregnant—and was booked for confinement in hospital on account of mitral stenosis—at that time well compensated. What subsequent ante-natal care she had is not known. She arrived at the hospital in a grave state—in labour—and delivered herself without difficulty of a 36 weeks' living child. Thereafter her condition rapidly deteriorated—all the signs and symptoms of acute heart failure being present—and she died 9 hours after delivery.

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3. 2256. Gravida 1. Aet. 28 Mitral Stenosis.

A known case of mitral stenosis, this patient was admitted to hospital 10 days before the expected date of delivery. She had been fairly well throughout pregnancy, but had complained of swelling of the feet and breathlessness on exertion. Her condition was satisfactory on admission and labour commenced spontaneously five days after the expected date, being terminated by forceps delivery on account of deep transverse arrest. After delivery signs of grave decompensation became manifest with marked pulmonary congestion and tachycardia and auricular fibrillation. Treatment was of no avail and death occurred 36 hours after delivery.

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4. 2372. Gravida 5+2. Aet 45. Ruptured Uterus.

The past obstetric history of this patient showed that she had 4 full-term forceps deliveries, the largest child (the second) weighing  $9\frac{3}{4}$  lb. The ante-natal period of the present pregnancy was uneventful, but towards full time a mild toxæmia appeared and she was admitted to hospital where the membranes were punctured for this condition and possible post-maturity. The exact expected date was not known. The first stage of labour lasted 48 hours and the cervix never became obliterated; an oedematous anterior lip remained. Because of maternal distress (the foetal heart had disappeared) forceps delivery was undertaken, and although the occiput was anterior, extraction was difficult resulting in a cervical tear. This was

sutured and the placenta and membranes expressed. One hour after delivery the patient became distressed and developed considerable abdominal distension. Her condition deteriorated very rapidly and death supervened. An autopsy showed a traumatic rupture of the lower segment of the uterus with blood (about 1,000 c.c.s) in the peritoneal cavity. The still-born child weighed 11lb. 14ozs.

### **Emergency Cases.**

1. 166. Gravida 2. Aet 28. Large bowel obstruction Peritonitis. This patient, 30 weeks pregnant, was admitted to hospital as a case of acute pyelitis. On admission she looked ill and dehydrated and was vomiting frequently. The urine contained albumen and acetone, the temperature was 99°, and the pulse 90 per minute. The abdomen showed no signs of any internal catastrophe. She was treated with intravenous fluids and improved considerably. Two days after admission she went into premature labour and delivered herself normally of a living child which died 48 hours later. After delivery her condition deteriorated and signs of generalised peritonitis were evident without any localising signs. Treatment, which included continuous duodenal drainage by the Miller-Abbott tube, did not improve things, and, 24 hours after parturition laparotomy was contemplated, but by this time her condition was so precarious that it was considered inadvisable to operate. Further chemotherapy and expectant treatment produced a fair improvement and six days later the abdomen was opened under a low spinal anaesthetic. The large bowel was greatly distended, but although improved compared with her previous state, her condition was such that only a cæcostomy could be done. A large amount of foul-smelling fluid escaped from the peritoneal cavity at the time of operation. After operation she went rapidly downhill and death occurred 24 hours later. An autopsy showed that the large bowel was obstructed by a fibrous band about 20 cms. above the rectum and that gangrene and perforation had occurred at this point.

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2. 296 Gravida 2. Aet 34. This patient, admitted as a case of ante-partum haemorrhage, was diagnosed as Placenta Prævia. Classical Cæsarean section was performed and at the same time, a large anterior cervical fibroid was enucleated, the bed of the tumour being obliterated by cat-gut sutures. The right tube and ovary were seen to have undergone torsion and infarction and a right salpingo-oophorectomy was performed. The child was alive and the mother's condition satisfactory. Two hours after operation the patient collapsed, but although immediate blood transfusion was begun, she did not respond and death took place shortly after. It was presumed that there had been internal haemorrhage—an autopsy was not obtained to confirm this.

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3. 334. Gravida 2. Aet 33. Pregnancy toxæmia. Placenta Prævia. Acute cardiac failure. On admission this patient was seen to have gross œdema of the extremities and the urine contained albumen. She had slight vaginal bleeding over a

period of 6 days prior to coming into hospital and shortly after admission she had a severe painless loss of approximately 20 ozs. The foetal heart, which was present on admission, disappeared after the haemorrhage. Vaginal examination showed a type ii placenta praevia with a bulging bag of membranes. The membranes were punctured and about 3 hours later the head was showing at the vulva. At this stage she became very cyanosed and showed signs of oedema of the lungs. The pulse became imperceptible and she died undelivered within an hour. Autopsy revealed a dilated left ventricle, oedema of the lungs, secondary anaemia and cloudy swelling of the kidneys.

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4. 563. Gravida 1. Aet 25. Eclampsia: accidental haemorrhage: Cortical Necrosis of Kidneys. Two days after admission to hospital as a severe pre-eclamptic toxæmia, the patient had an eclamptic fit and a severe haemorrhage per vaginum. After treatment with morphia and intravenous magnesium sulphate the fore-waters were ruptured and 14 hours later delivery of a still-born child was effected by a low forceps operation. No gross abnormality of the placenta was noted. After delivery, only small amounts of deeply blood stained urine were passed and death took place 48 hours after delivery. An autopsy was not obtained.

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5. 1179. Gravida 2. Aet 22. Mitral Stenosis: Aortic Regurgitation. This patient, who had gone through a previous pregnancy with very little trouble was admitted to hospital when about 16 weeks pregnant, because of a slight haemoptysis and some oedema of the feet. After three weeks in bed, and with medical treatment she was well enough to go home, but once there, her condition worsened again and she was readmitted a month later in a state of decompensation with dyspnoea, vomiting, cyanosis and oedema. Abdominal hysterotomy was carried out three days after admission, but death took place shortly after completion of the operation.

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6. 1395. Gravida 1. Aet 22. Eclampsia: Bilateral Cortical Necrosis of Kidneys. Admitted in a comatose state after 4 eclamptic fits. Little response was obtained to medical treatment with morphia, magnesium sulphate and glucose, and further fits occurred. She went into labour spontaneously and was delivered by forceps of a macerated foetus. Before delivery the urinary output was very small and the urine was heavily blood stained. No improvement took place after parturition and the urinary output comprised only four drachms of blood stained urine in each 24 hours. In spite of further intravenous therapy she died three days after delivery.

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7. 1494. Gravida 5. Aet 34. Late Toxic Vomiting. When 16 weeks pregnant, this patient was admitted to hospital as a severe case of Hyperemesis Gravidarum. She was

treated with intravenous glucose saline and made a good recovery. She was re-admitted when 32 weeks pregnant with a recurrence of the vomiting and again her condition was such that intravenous therapy was required. She responded rapidly and was discharged 11 days later. Fourteen days later she returned to hospital having been vomiting for one week. Her condition was very poor—rapid pulse, cyanotic, cold and with abundant acetone in the urine. The tongue, however, was moist and there was no vomiting during the first 24 hours after admission. There was complaint of right sided abdominal pain. During the day, vomiting returned and the pulse, always fast, began to rise. Abdominal distension was noted. The uterus was emptied by Classical Cæsarean section and a still-born foetus delivered. The abdominal organs showed no obvious pathology and there was no peritonitis. There was no improvement after operation and 12 hours later death occurred. An autopsy was not obtained.

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8. 1661. Gravida 2. Aet 24. Cl. Welchii Toxæmia. The investigations and history in this case are incomplete as the patient was admitted in a moribund condition and died in less than 2 hours. She was unmarried and was about 20 weeks pregnant. Two days prior to admission she had become jaundiced and had noticed a rash on her abdomen and legs. No history of any attempt to terminate the pregnancy was obtained. She was deeply jaundiced and semi-comatose. A patchy subcutaneous haemorrhagic rash was noted on the abdominal wall and legs. A crepitant sensation was experienced when the abdomen was palpated. On vaginal examination, the uterus was soft and boggy and an offensive brownish red vaginal discharge was present. No injury to cervix or vaginal walls was noted. A clinical diagnosis of *B. Welchii* infection was made and *B. Welchii* was grown from the vaginal and cervical swabs and from the cavity of the uterus.

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9. 2135. Gravida I. Aet. 34. Acute yellow atrophy of Liver: Post-partum haemorrhage: Twins. Fourteen days before admission diarrhoea and vomiting began and three days before coming into hospital jaundice was noted. The stools were light and the urine dark in colour. On admission the general condition was fairly good although the patient was deeply jaundiced. The urine was loaded with albumen and also contained bile and acetone. The blood pressure was 160/90. Labour was in progress. Twelve hours later twins were born—the first by breech extraction and the second by forceps. Both were still-born. The placenta separated normally but was followed by severe post-partum haemorrhage. Despite the injection of Oxytocics the uterus never really contracted firmly and retraction was absent. Blood transfusion (8 pints in all) was given and brought general improvement, although there was still some loss from the uterus. About 6 hours after the cessation of the transfusion the patient suddenly vomited and died. Autopsy confirmed the diagnosis of acute yellow atrophy of the liver and in addition a pineal cyst was found.

10. 2173 Gravida 2. Aet. 24. "Transfusion kidney." This patient was delivered normally of twins at another hospital. There was severe post-partum haemorrhage after expulsion of the placenta treated with plasma and, later, blood. Shortly after the transfusion a rigor occurred and subsequently a low grade pyrexia persisted with raised pulse rate. Later, there was some further uterine bleeding and it was decided to explore the uterus. As the patient's condition was not too good a further transfusion of blood of the same group as the original blood was given. On the following day heavily blood stained urine was passed and the patient transferred to this hospital. On admission she was drowsy and complained of precordial pain and breathlessness. She did not respond to treatment and succumbed 2 days after admission. Post-mortem examination showed typical "transfusion kidneys."

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11. 2230. Gravida 9. Aet. 39. Ruptured uterus. This patient was admitted to hospital as a case of obstructed labour, forceps having been unsuccessfully applied on two occasions. Seven of the previous pregnancies had terminated normally but the last, eighteen months ago, resulted in a still-born child, 8lb. 6ozs. after a forceps delivery. She was in poor condition on admission, pulse 140 per min. and B.P. 60/? The head was presenting and was engaged and the uterus was relaxed and not tender. Extensive bruising of the vulva and anterior cervical lip was present. A blood transfusion of 2 pints, followed by 1 pint of plasma was given with considerable improvement in the general condition. The blood pressure rose to 130/70. The uterus was not contracting. About 12 hours after the transfusion, the general condition deteriorated very suddenly, the pulse rose to 160 per minute and the blood pressure fell to 90/? The uterus was tense and very tender on the left side. Rupture of the uterus was diagnosed and after a transfusion of  $4\frac{1}{2}$  pints of blood the abdomen was opened under local Anæsthesia, supplemented by cyclopropane. The uterus was seen to have ruptured into the left broad ligament which was full of clot. The tear was enlarged across the lower segment, the child extracted (S.B.) and a subtotal hysterectomy performed, after which a temporary improvement took place. Some 3 hours later the patient collapsed and died.



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